

Fig. 1

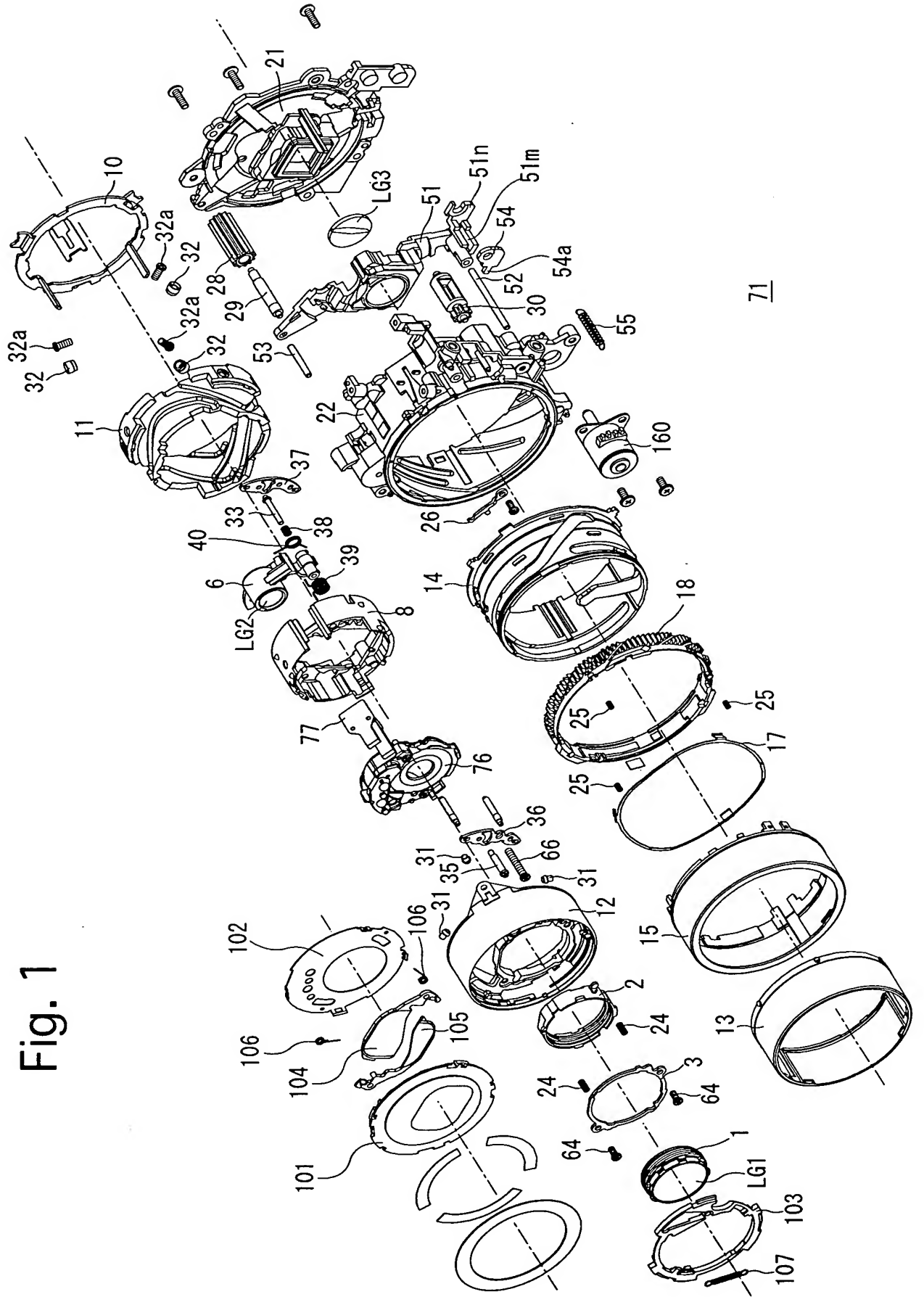


Fig. 2

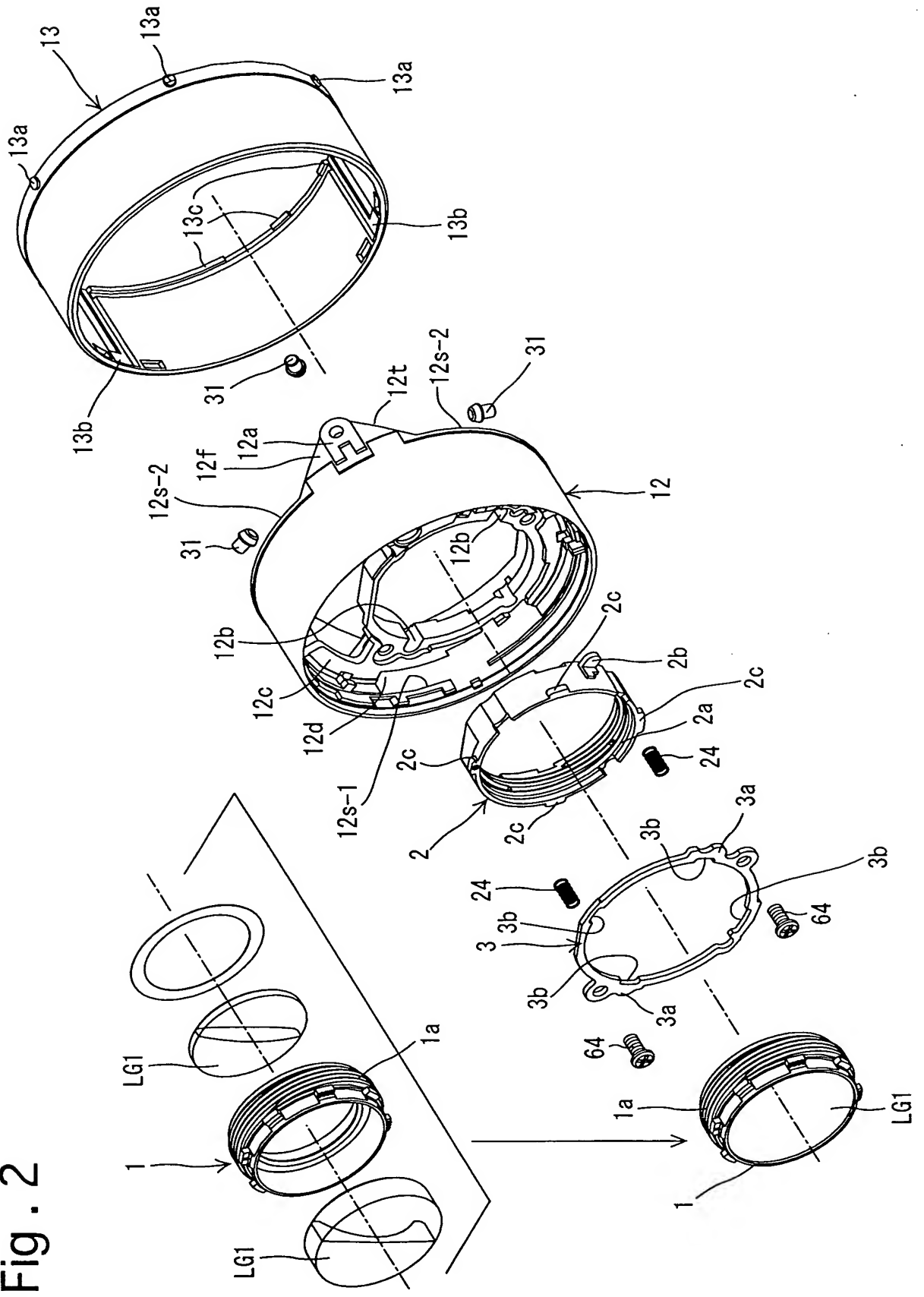


Fig. 3

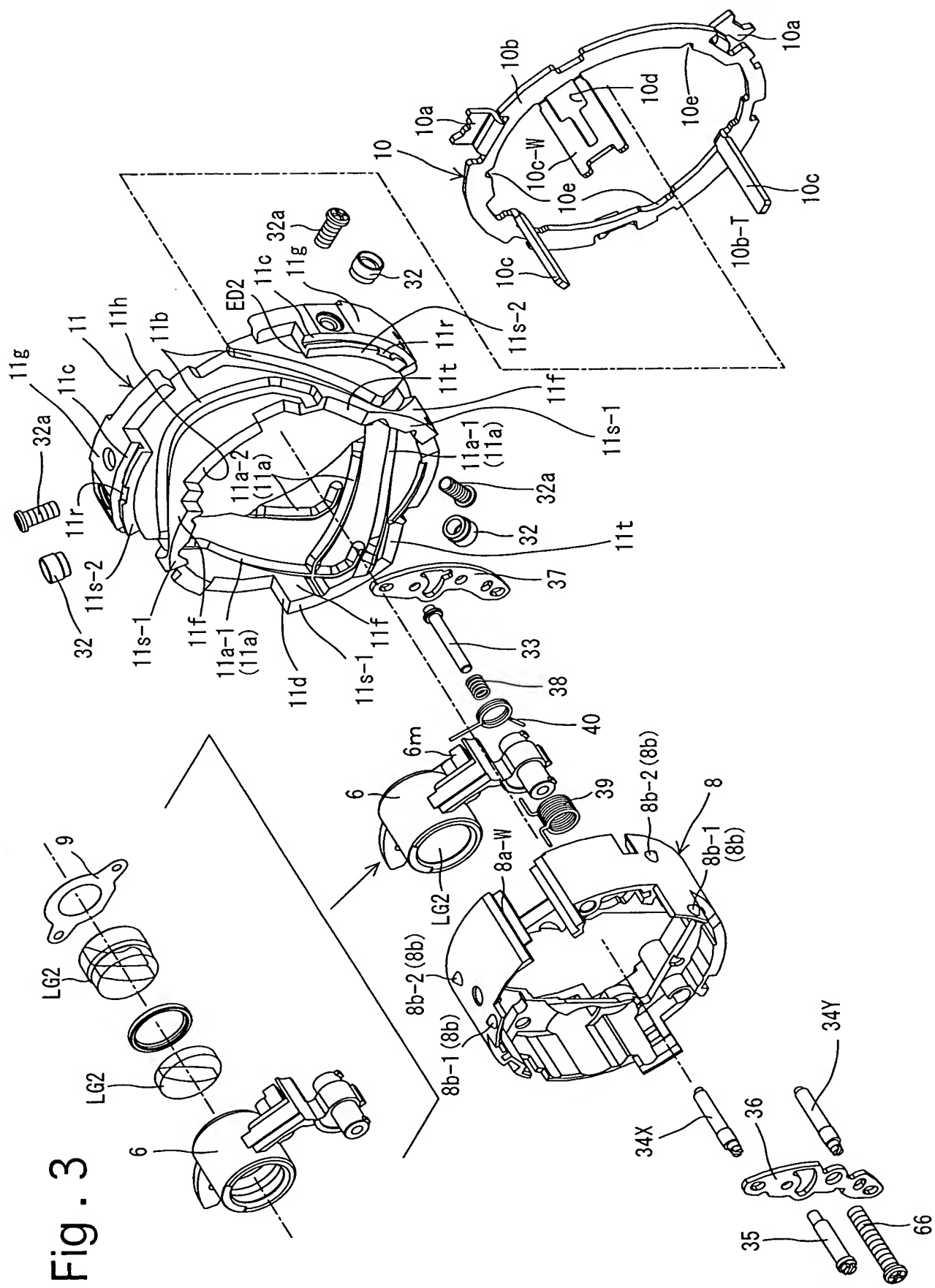


Fig. 4

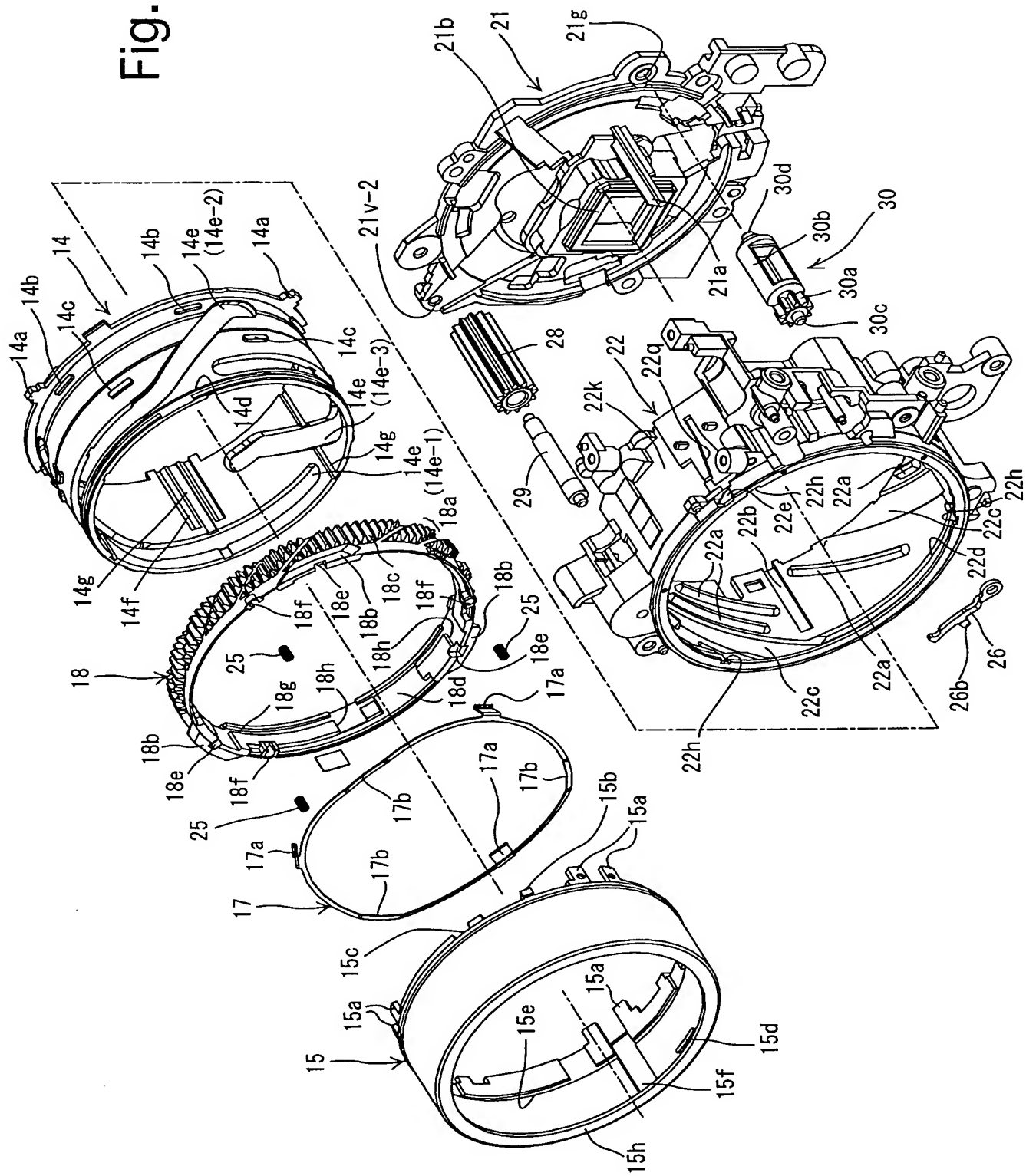




Fig. 5

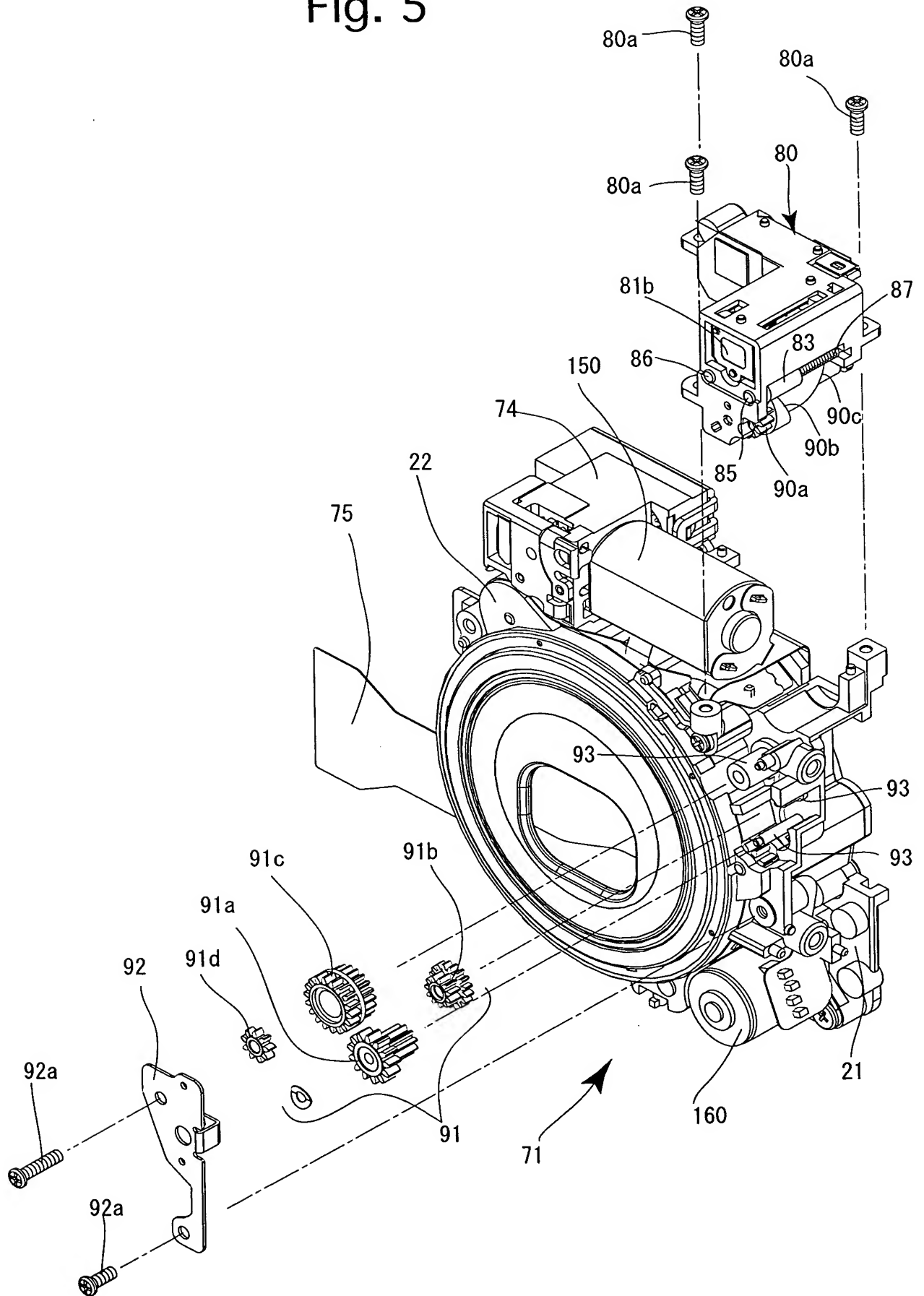


Fig. 6

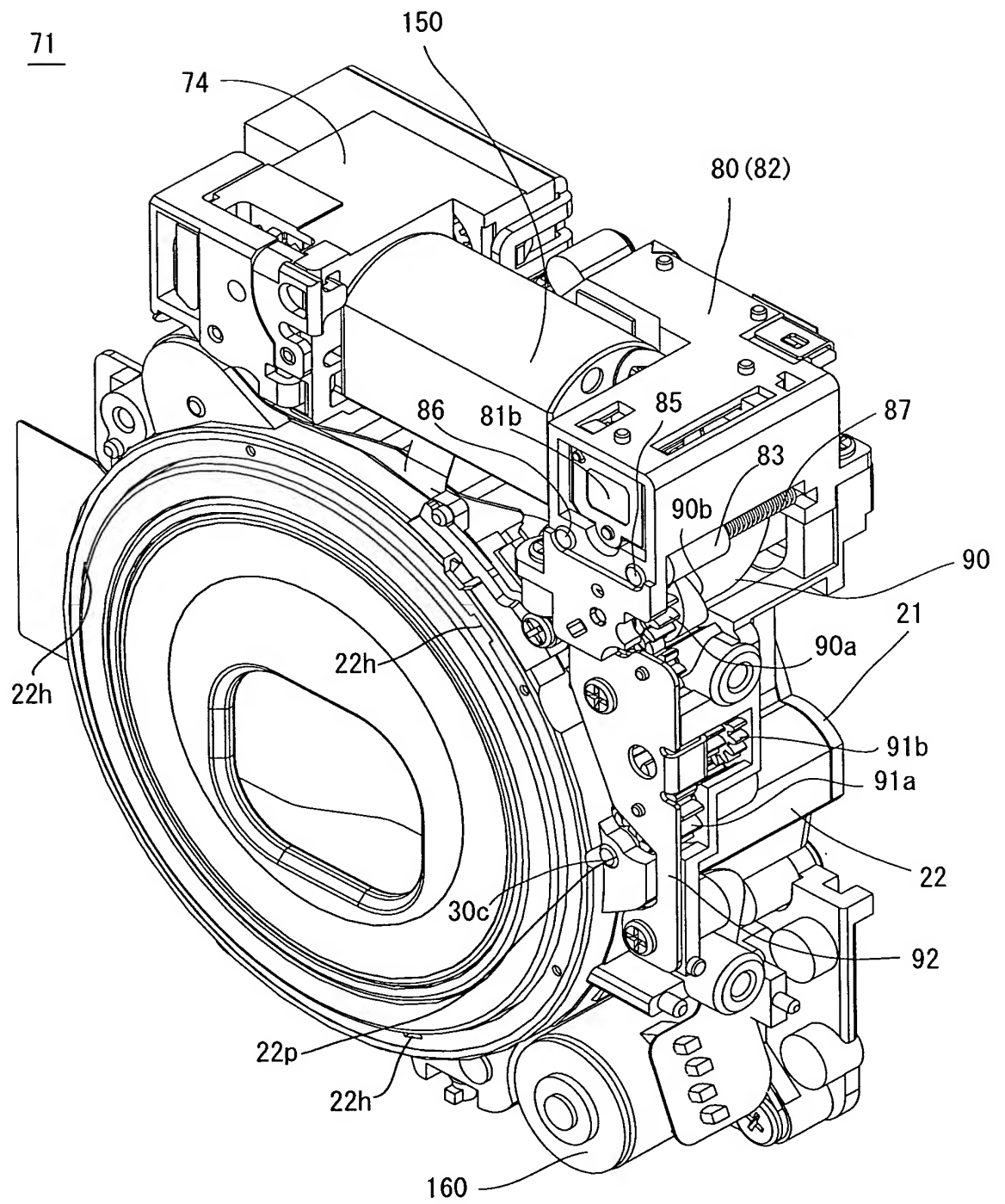


Fig. 7

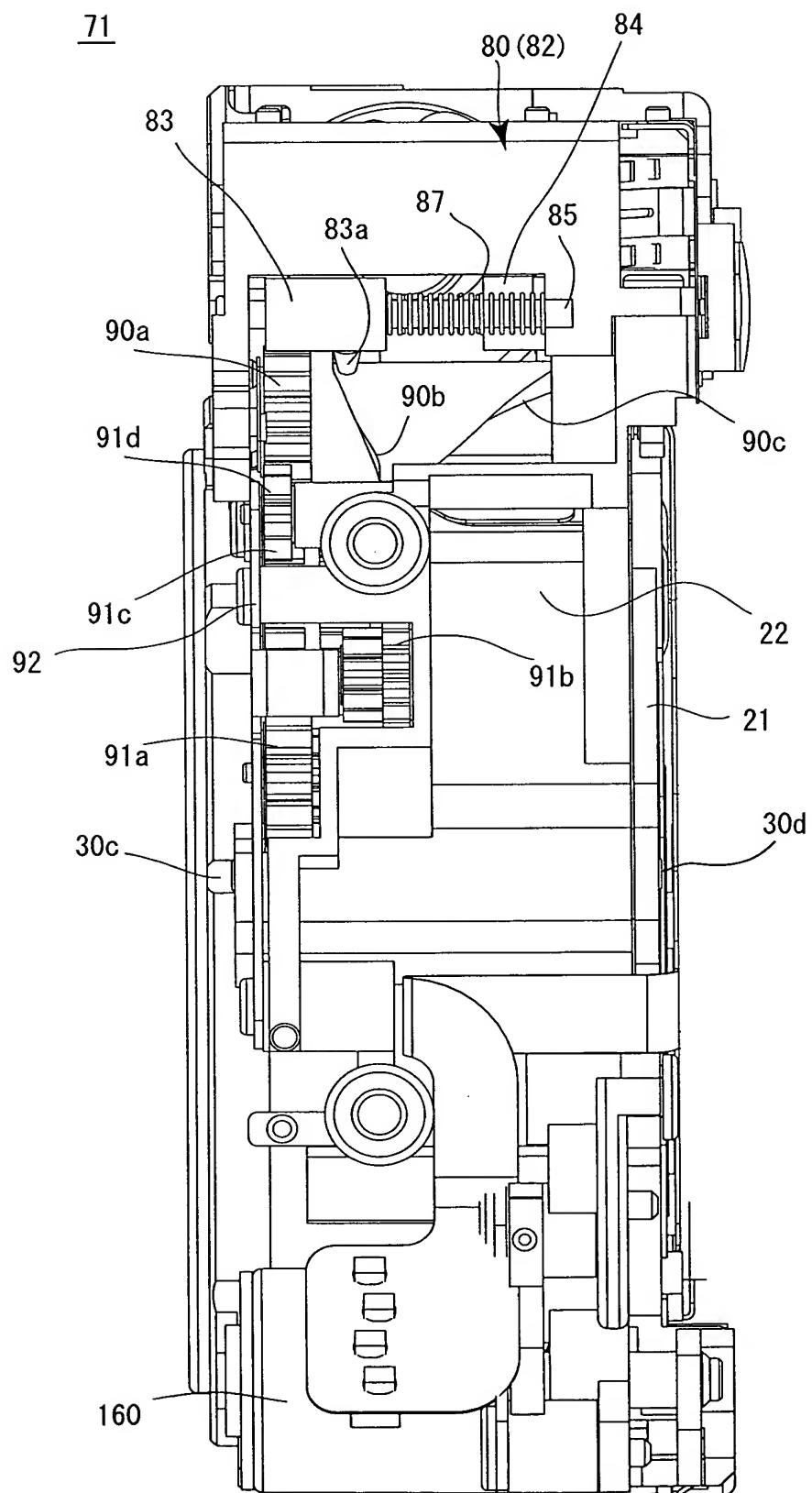


Fig. 8

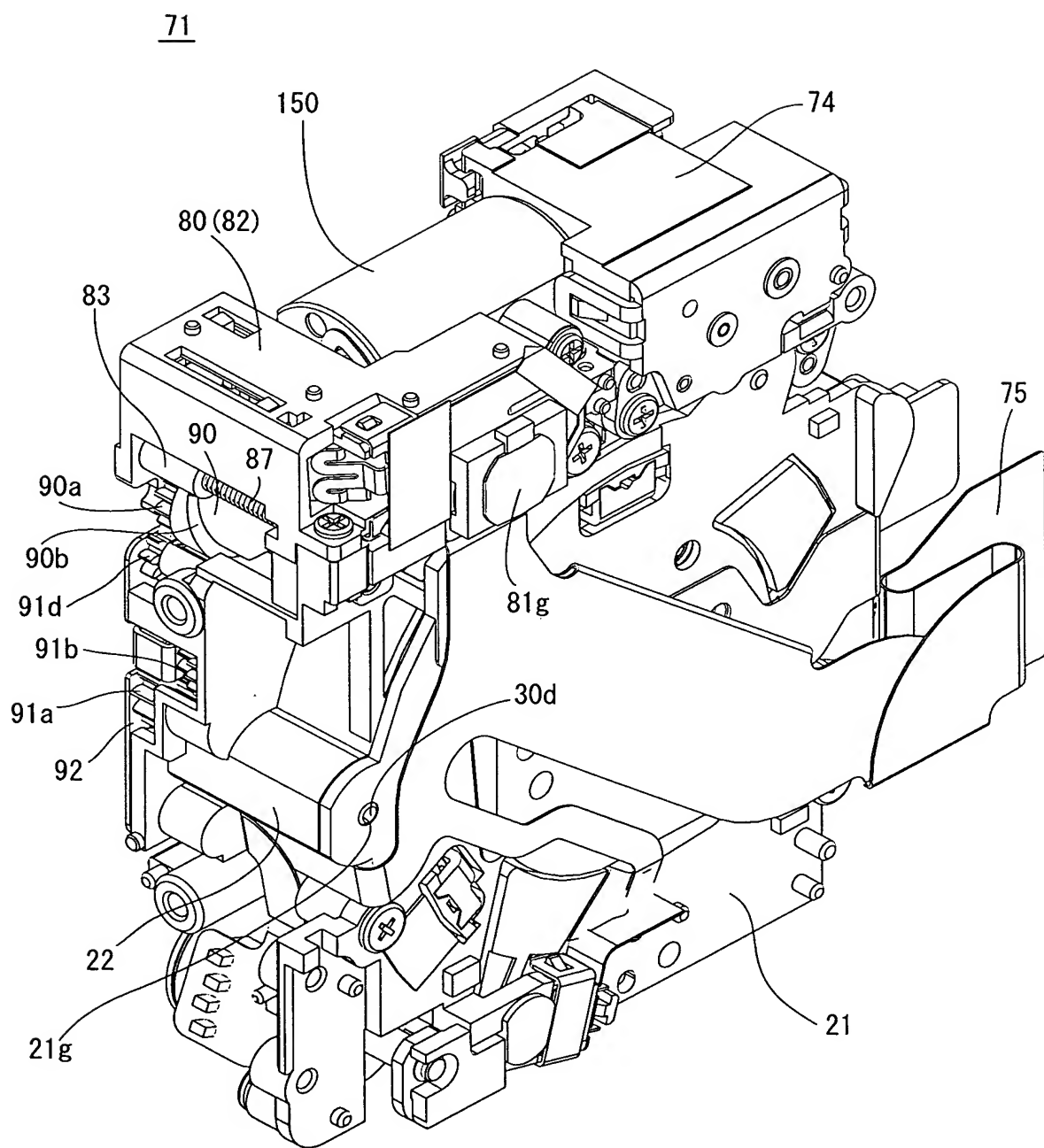


Fig. 9

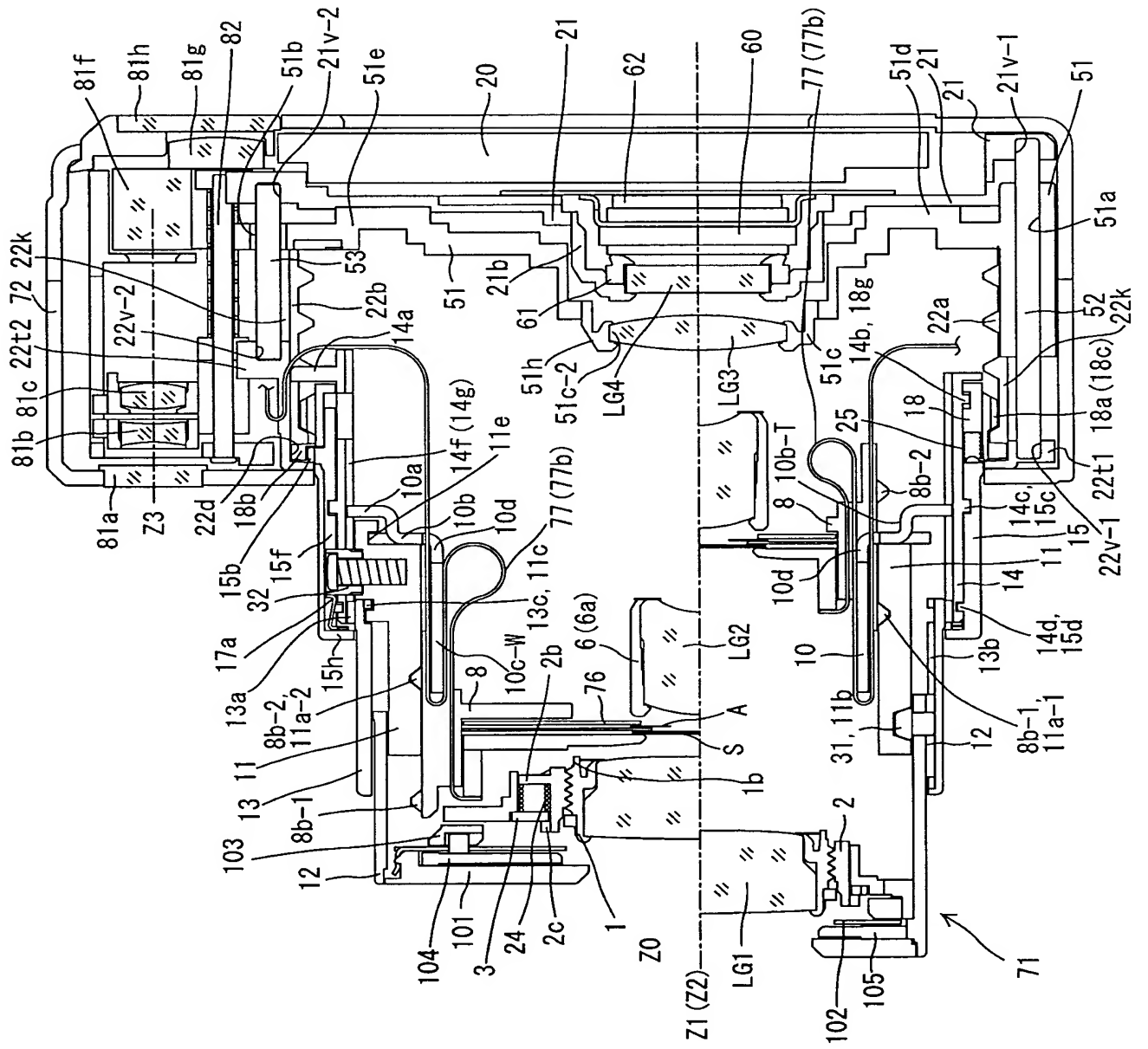


Fig. 10

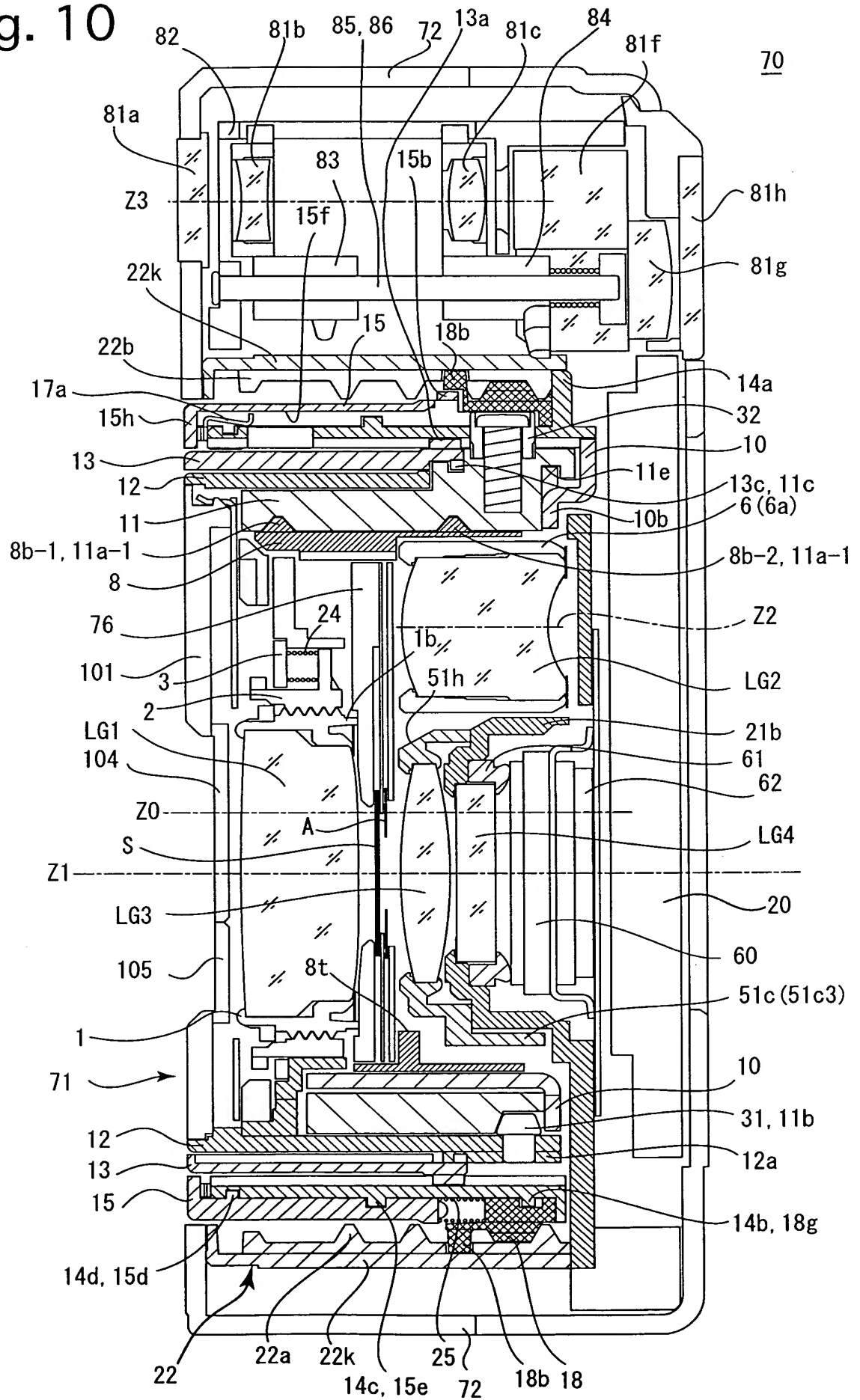


Fig. 11

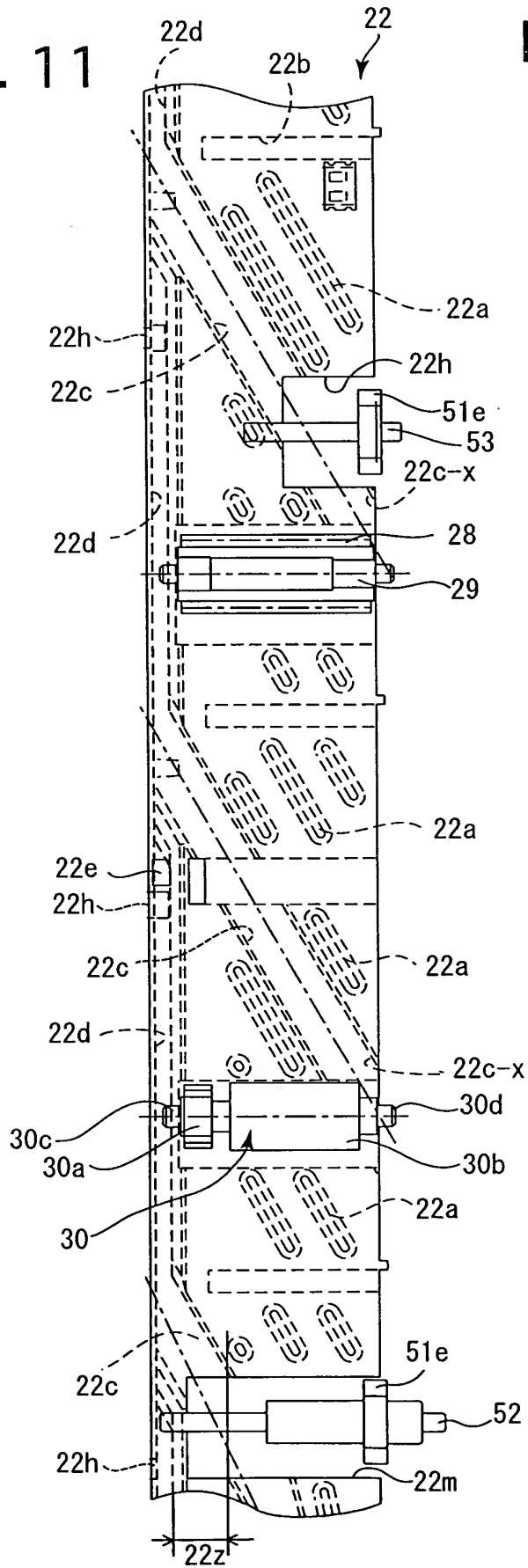


Fig. 12

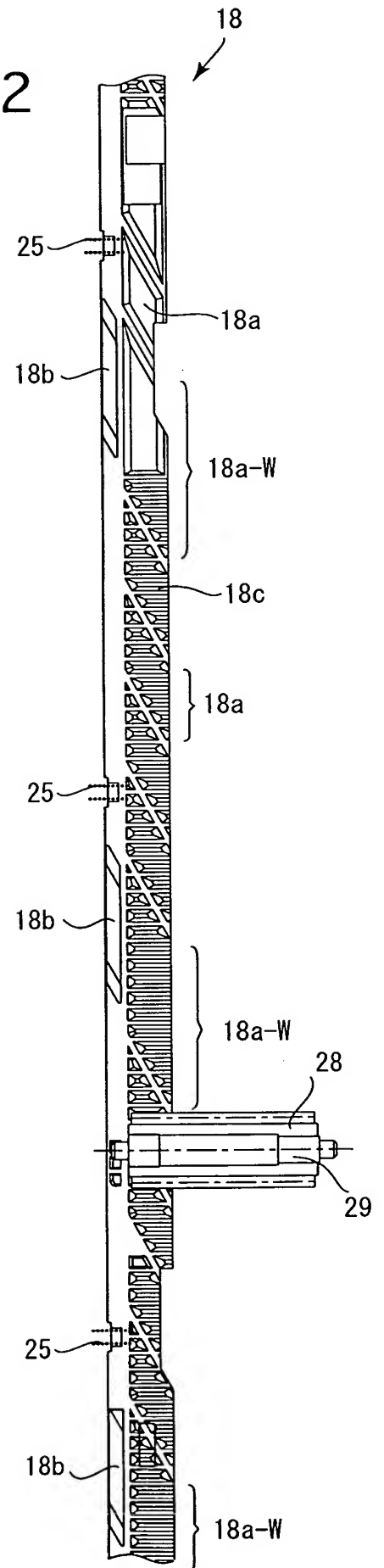


Fig. 13

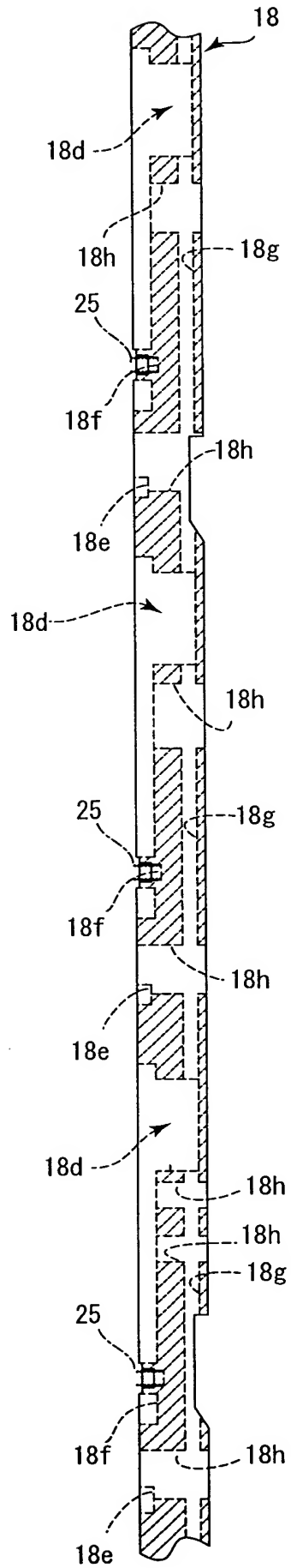




Fig. 14

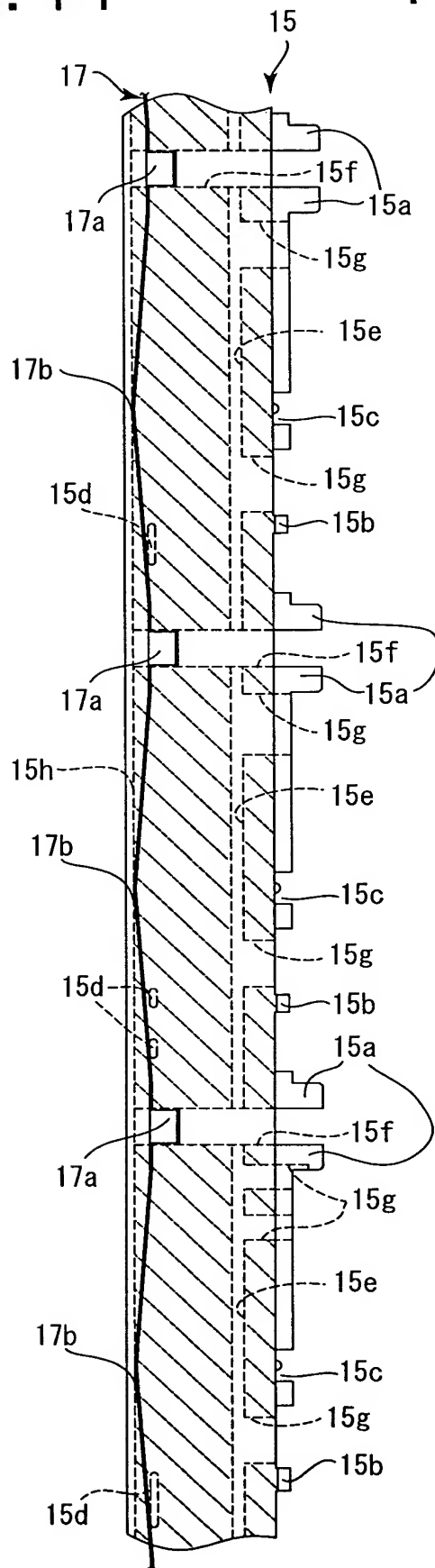


Fig. 15

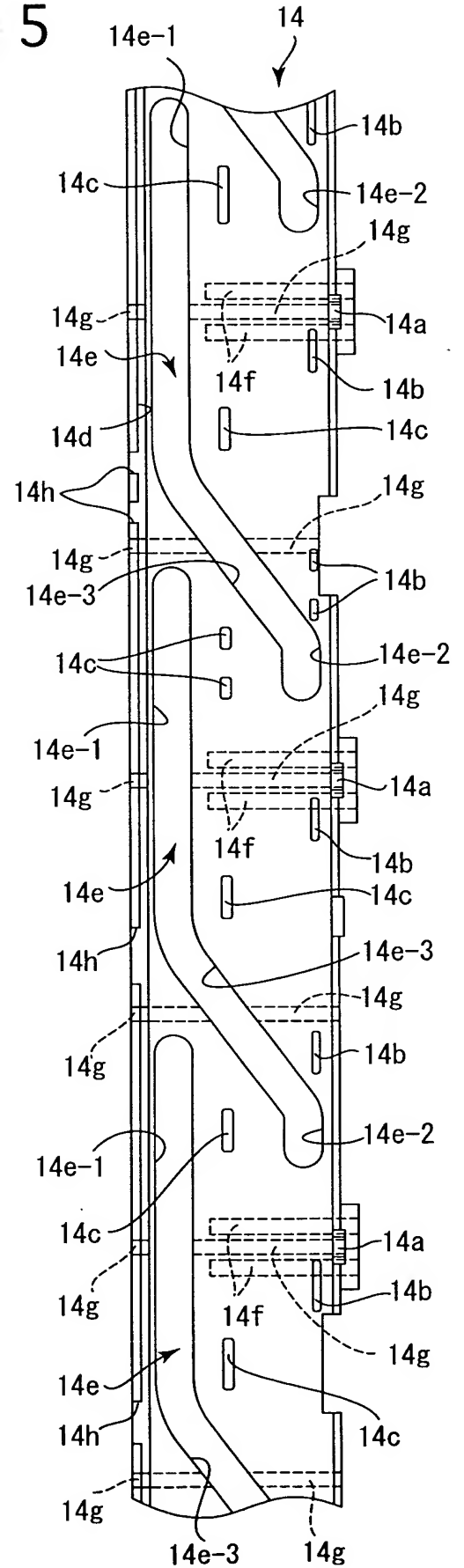


Fig. 16

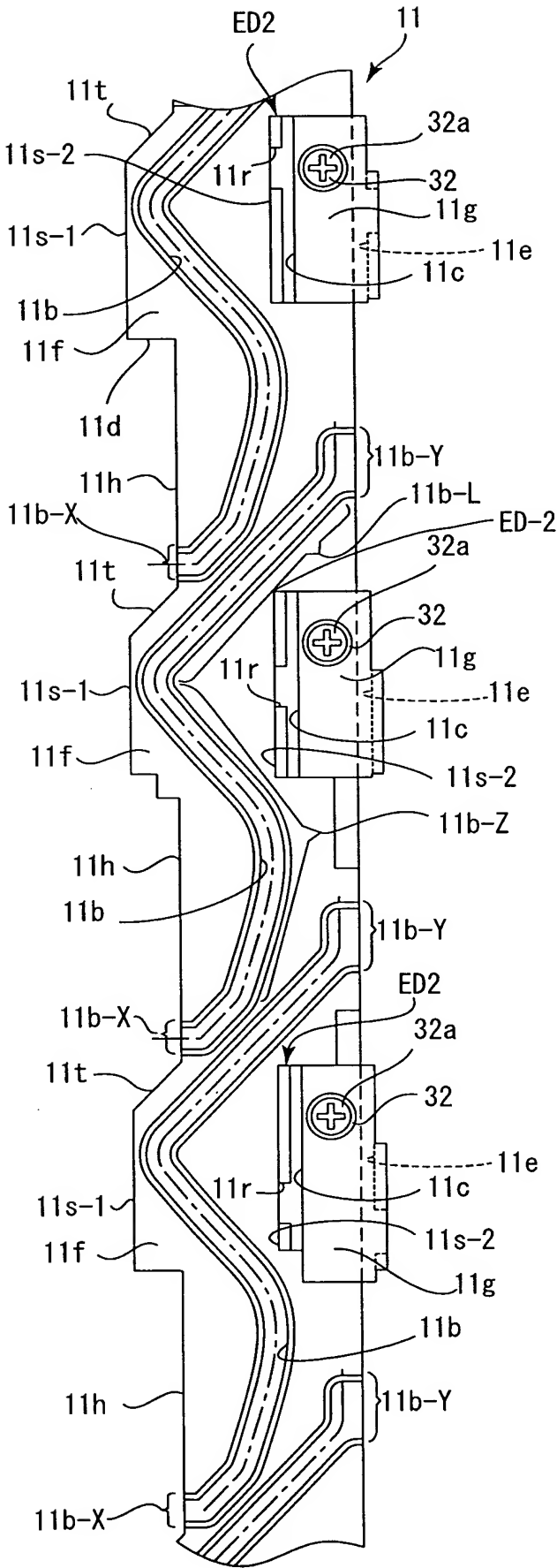


Fig. 17

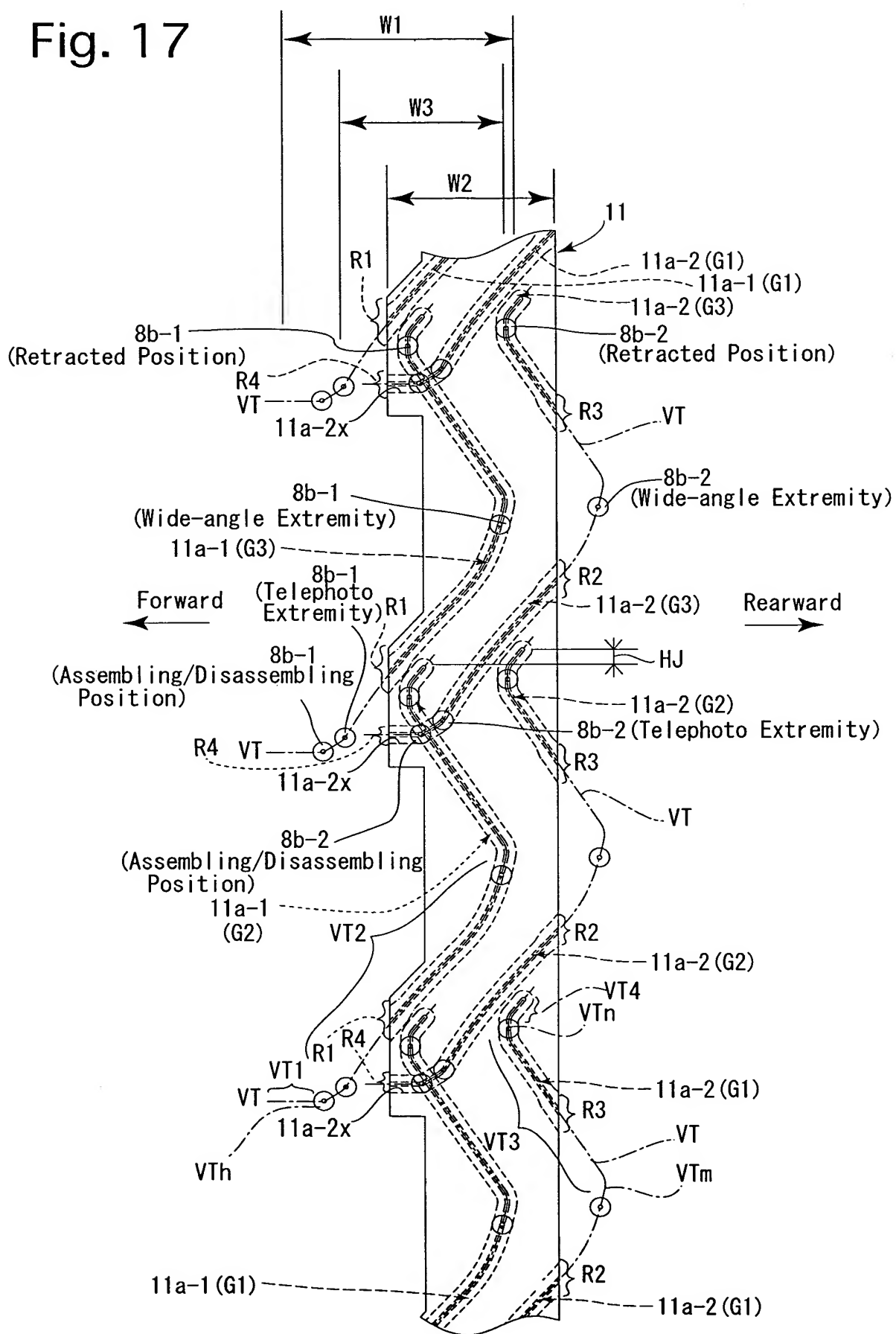


Fig . 19

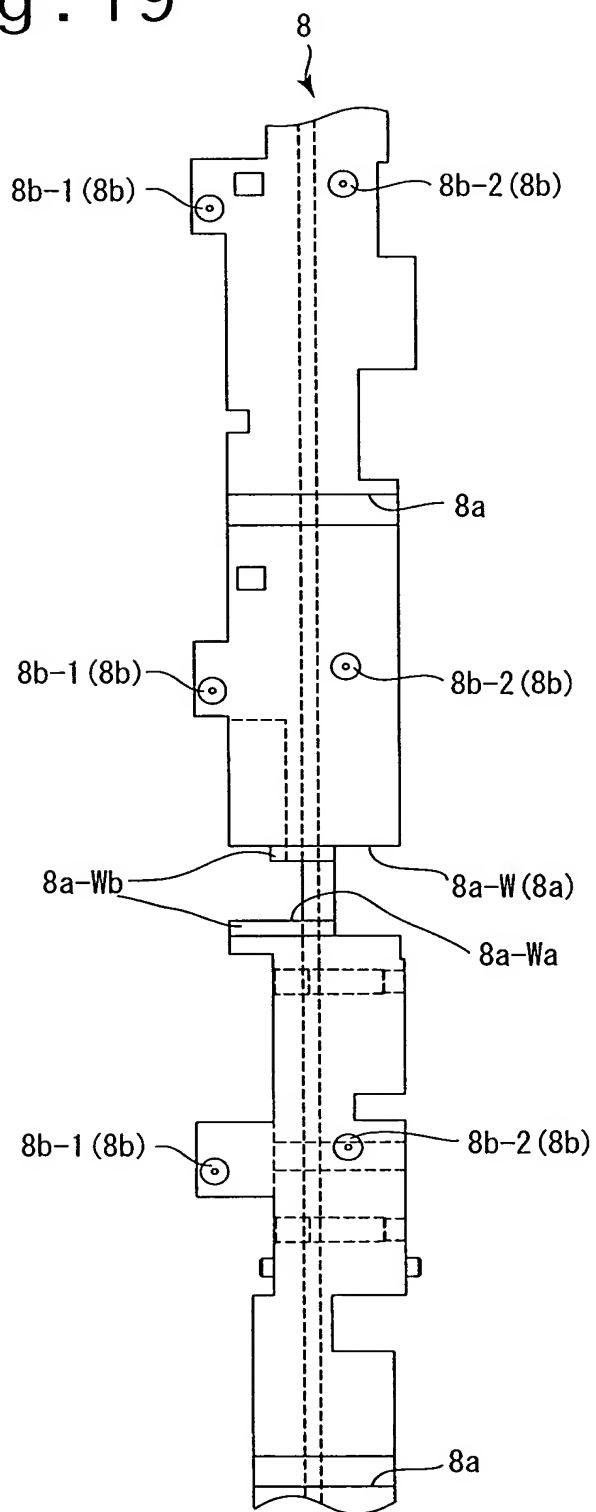


Fig . 18

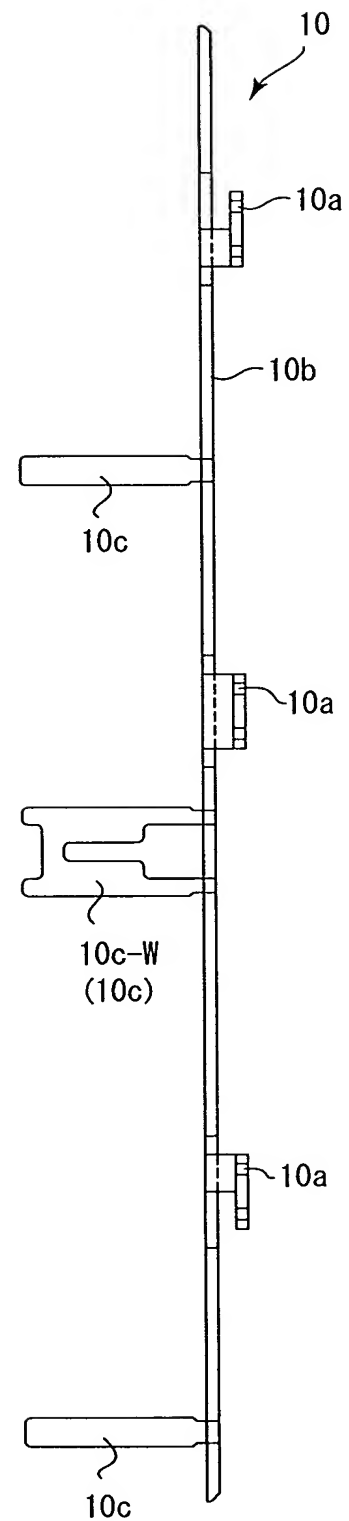


Fig. 20

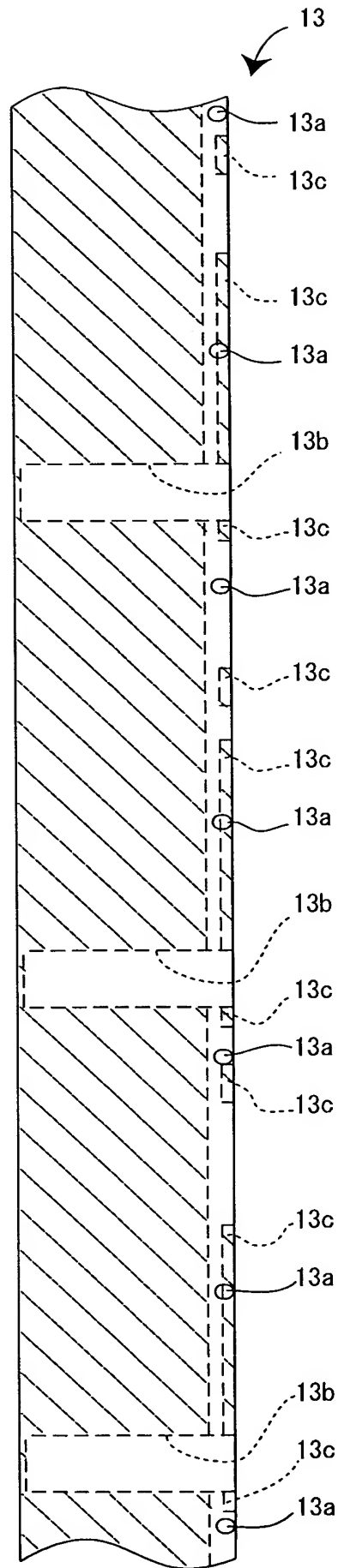
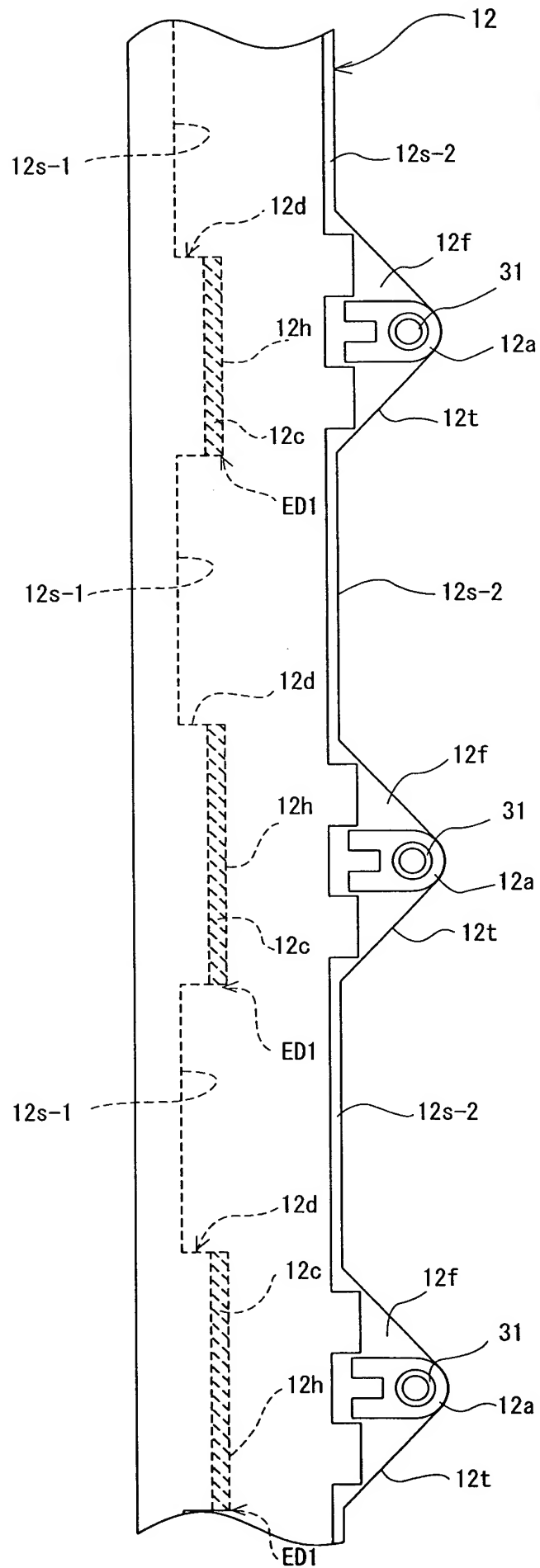


Fig. 21



# Fig. 22

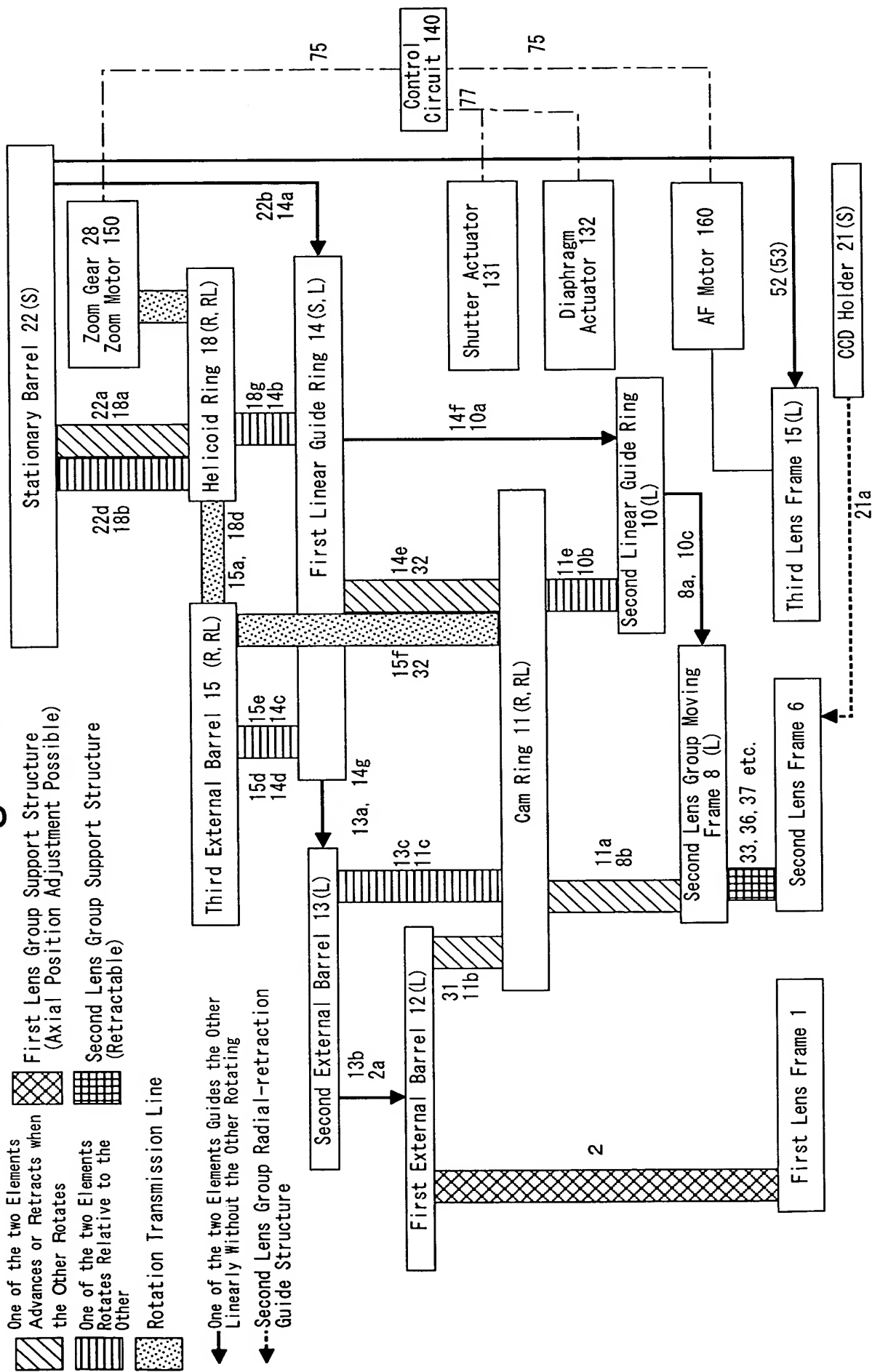


Fig. 23

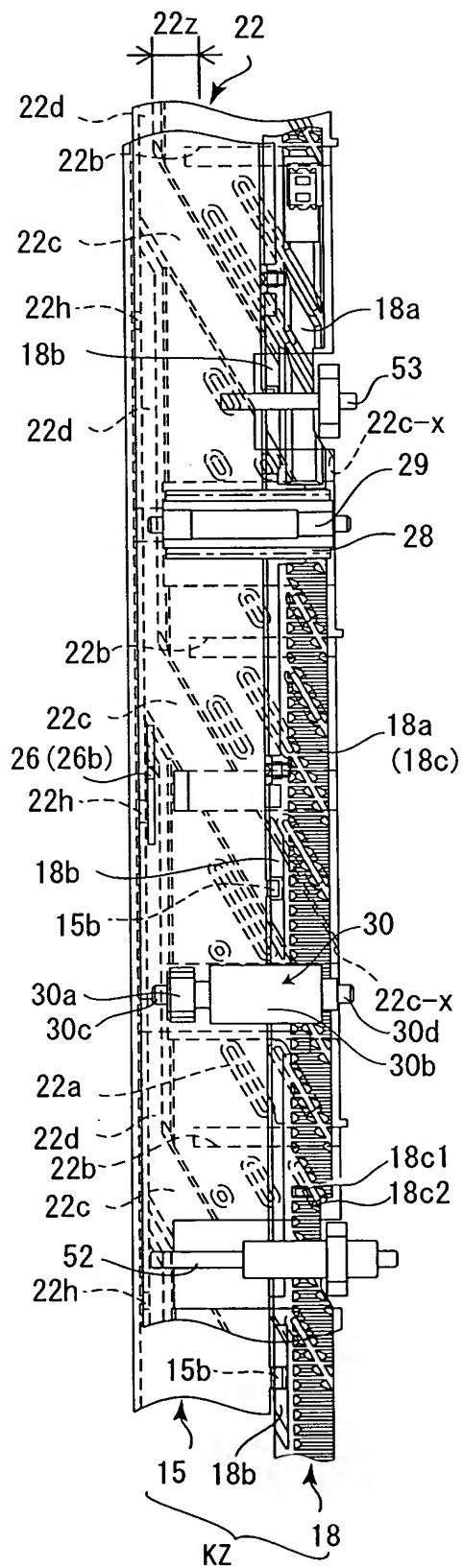


Fig. 24

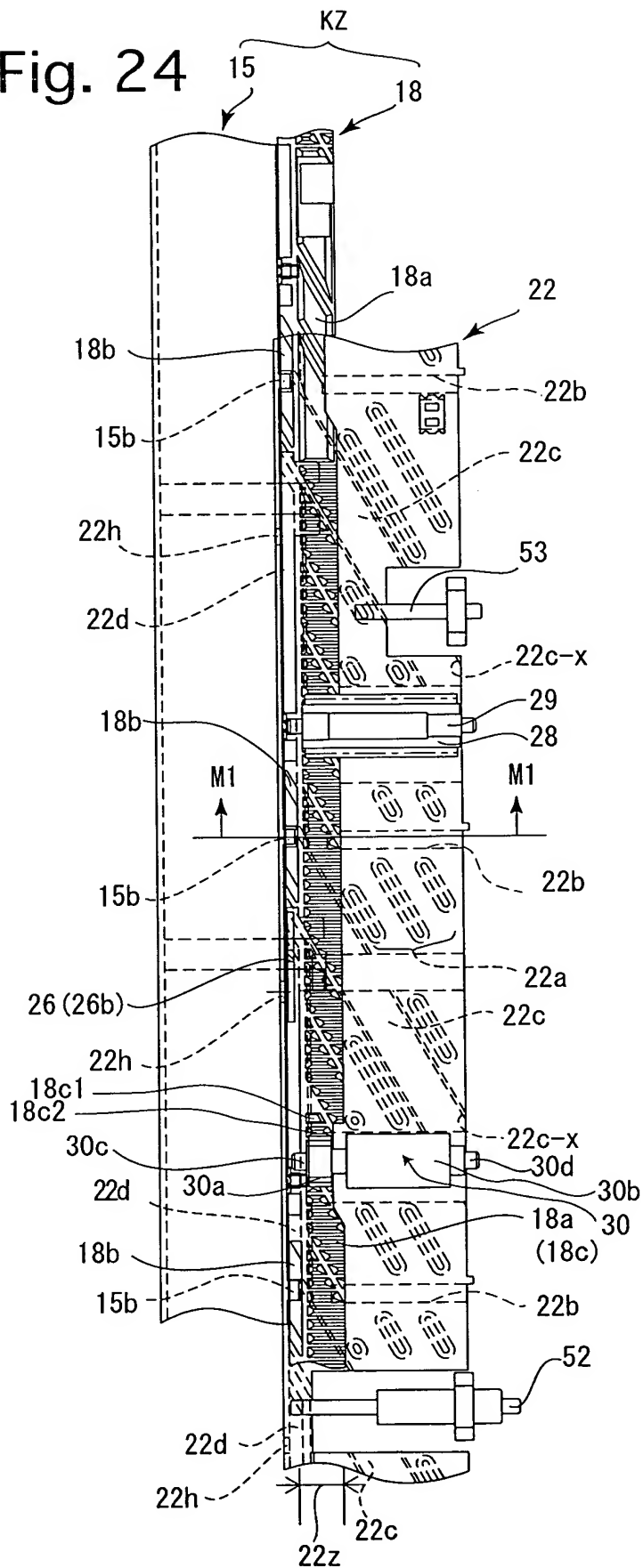




Fig. 25

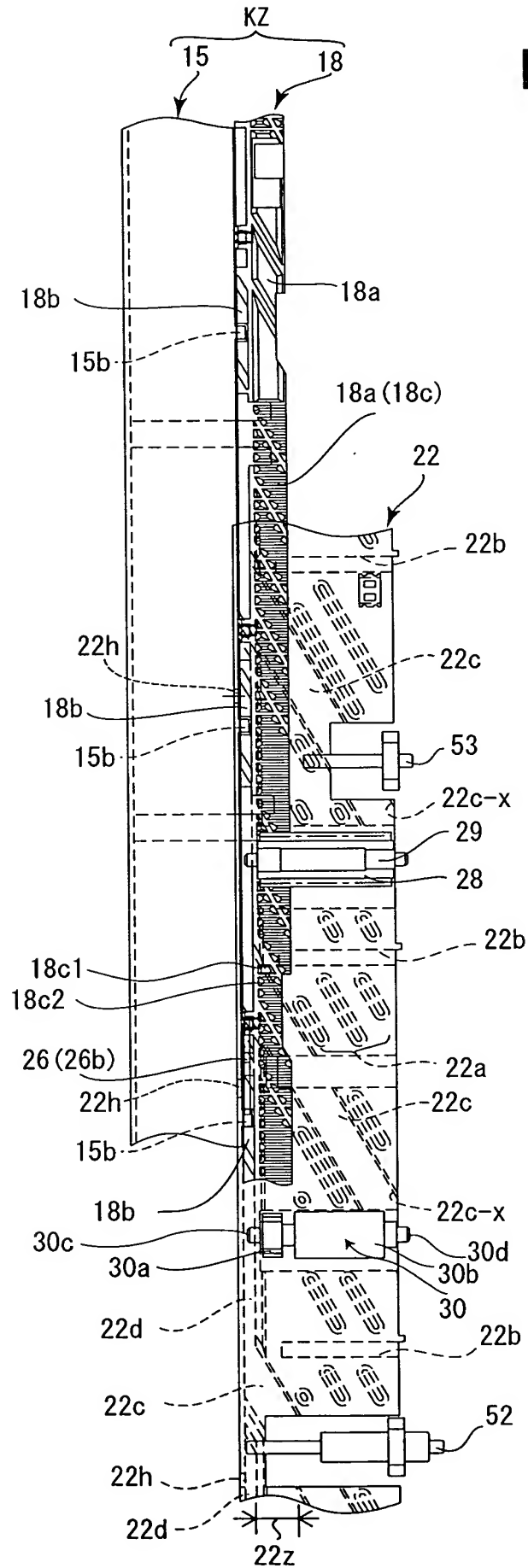


Fig. 26

Fig. 27

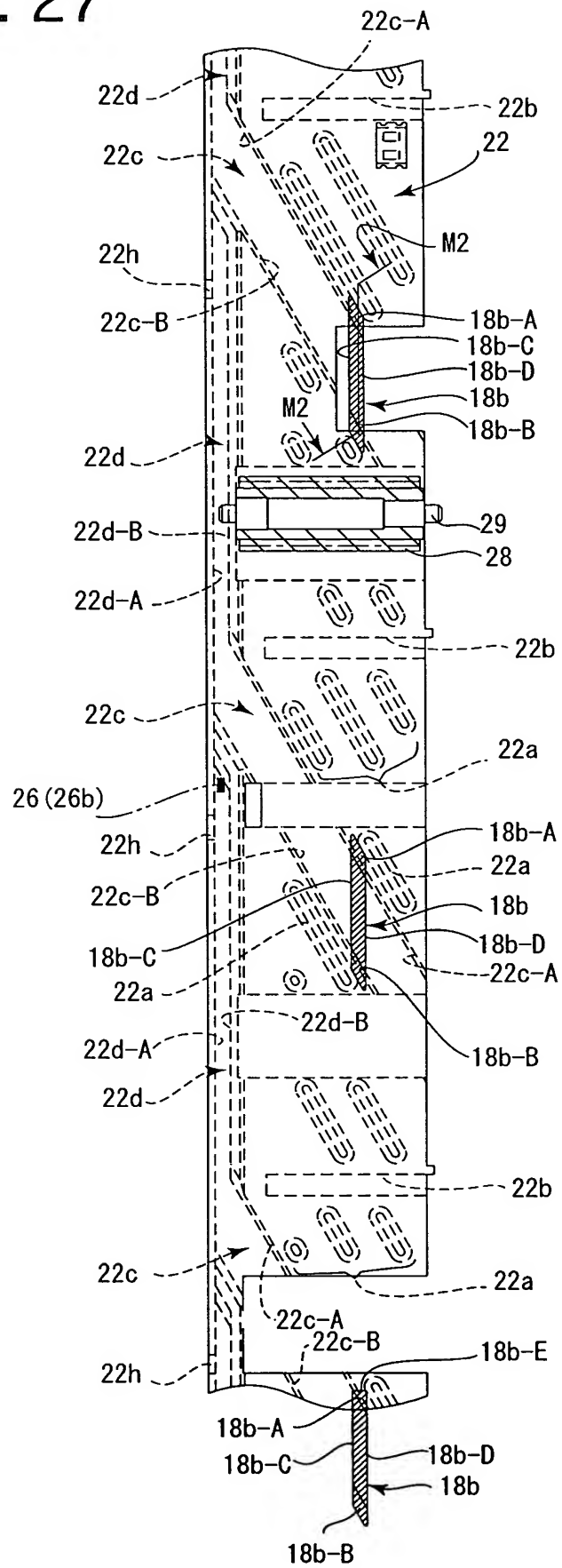
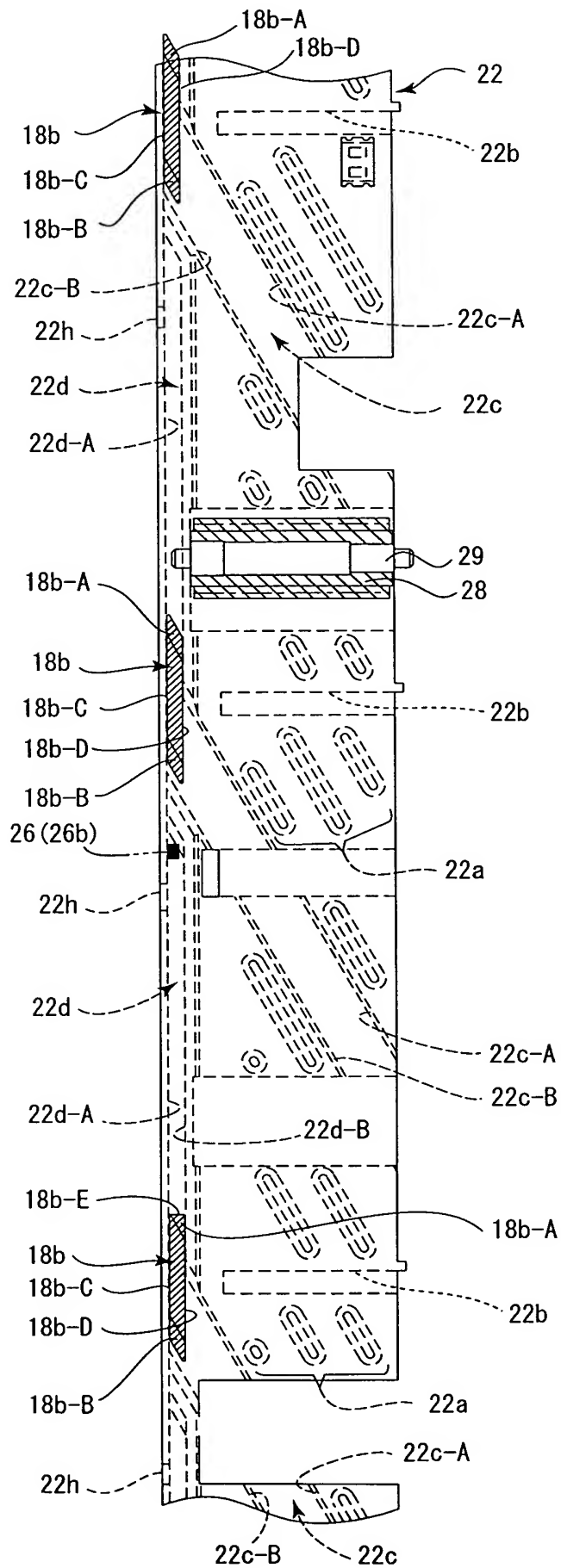


Fig. 28



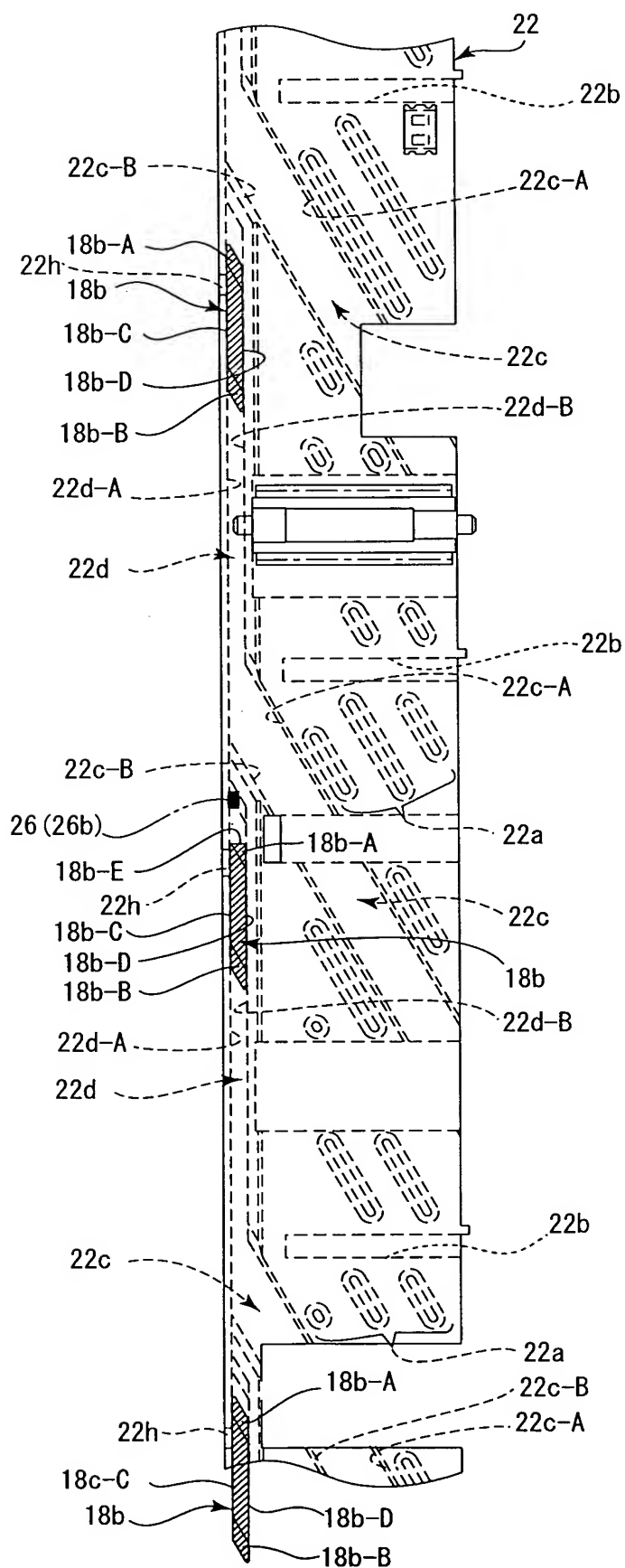


Fig. 30

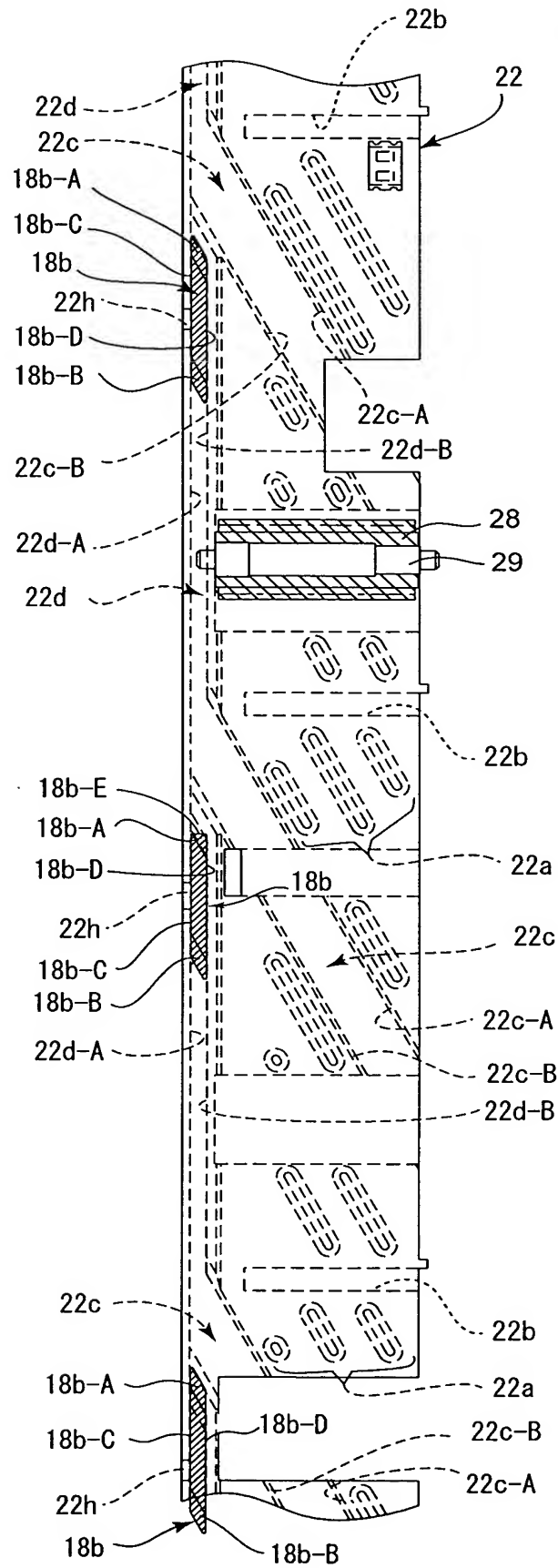


Fig. 31

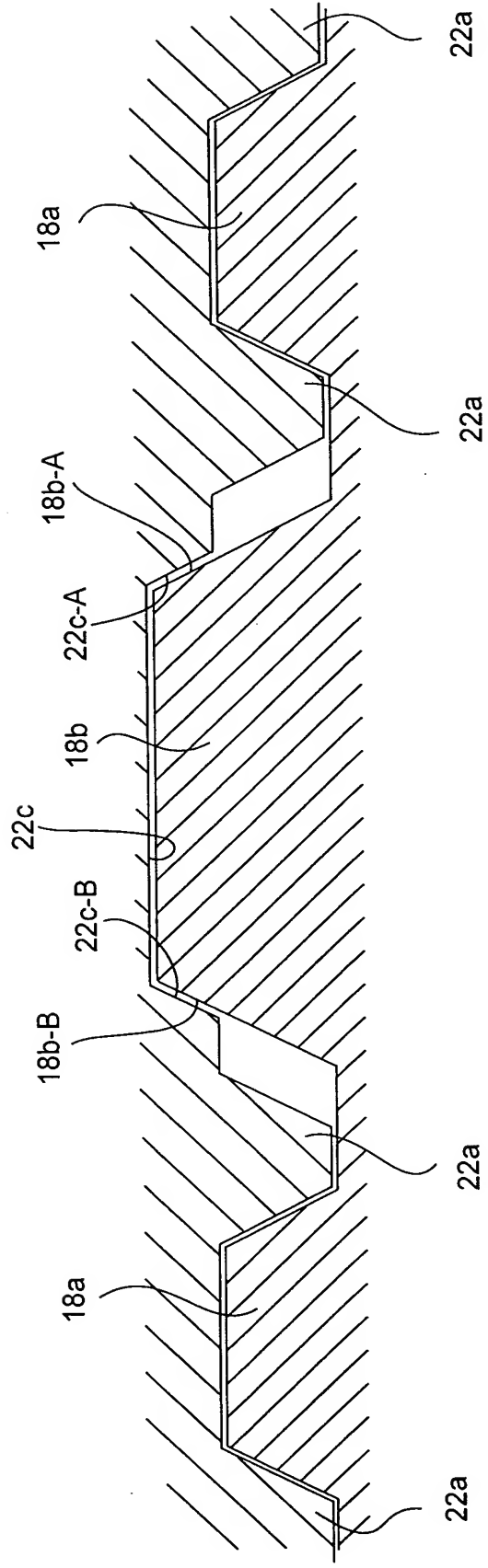


Fig. 32

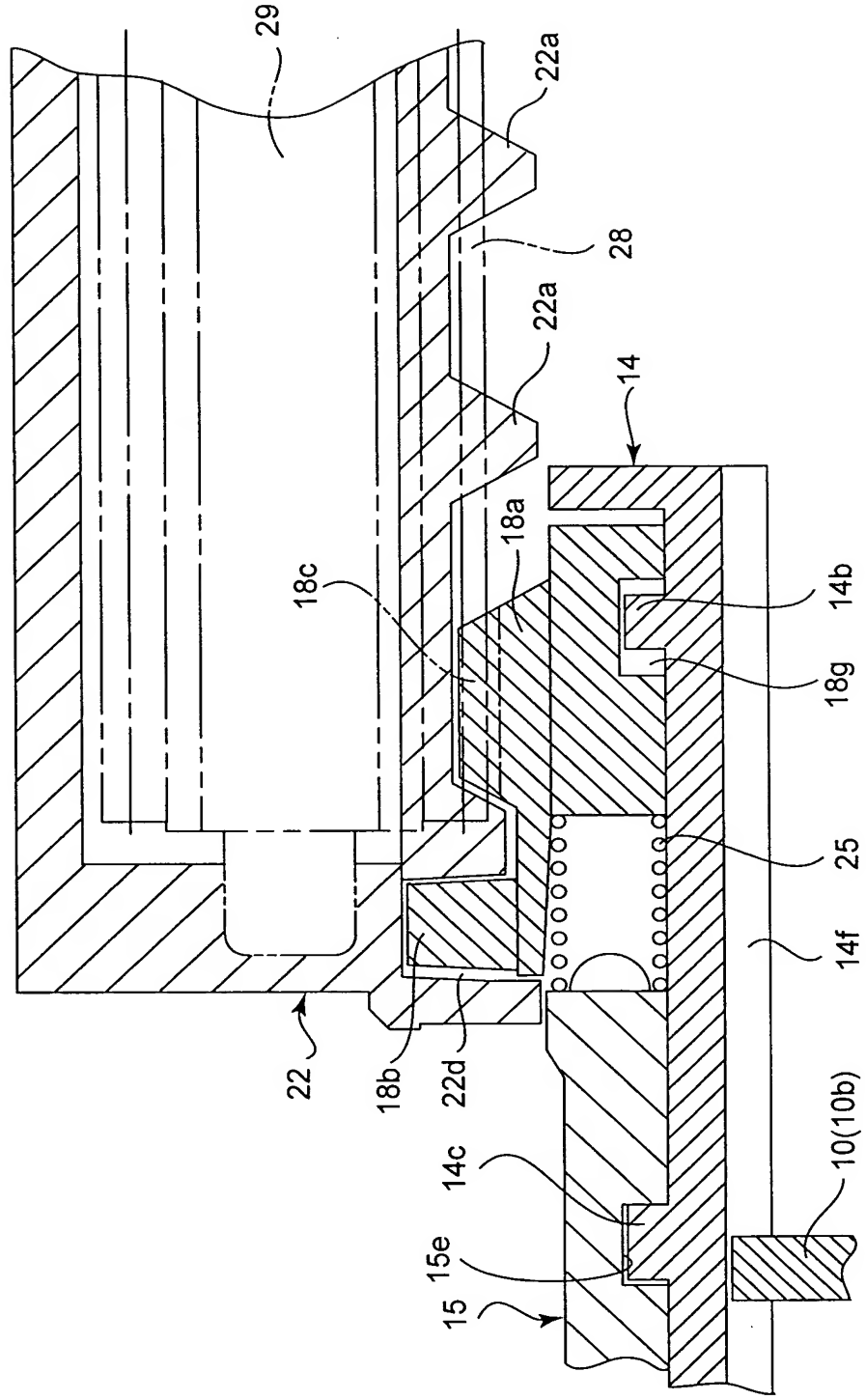
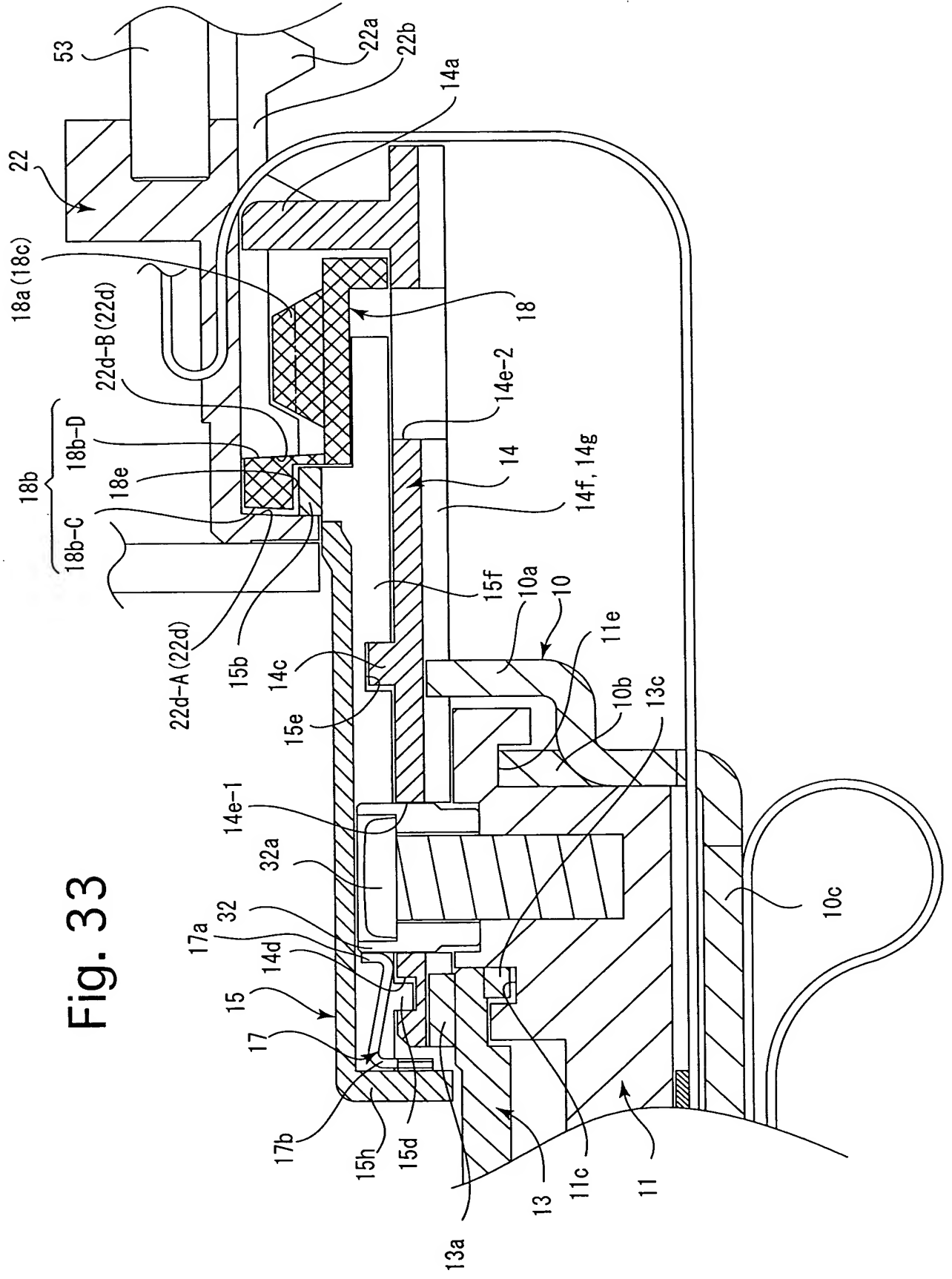




Fig. 33



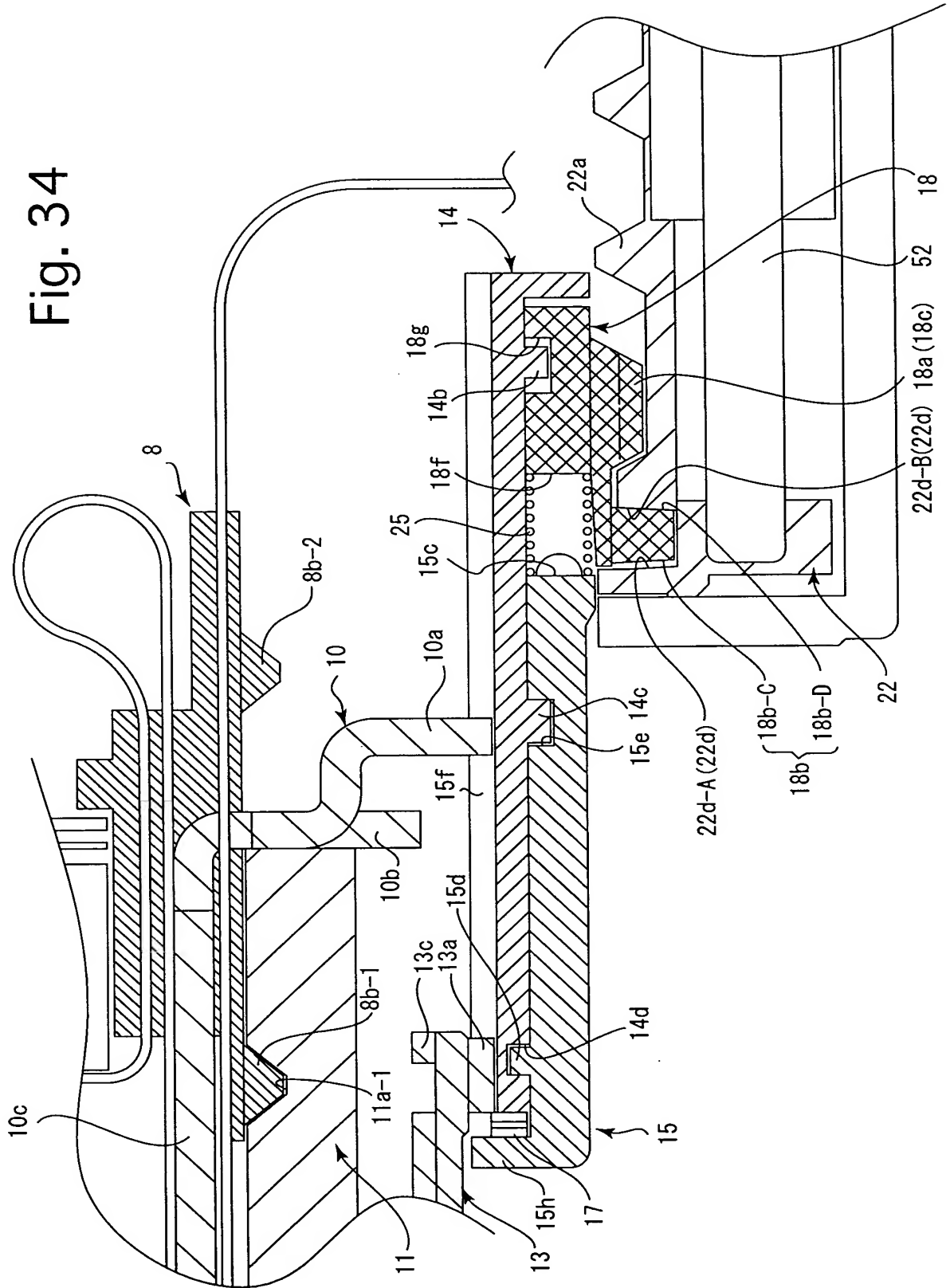


Fig. 34

**Fig. 35**

This cross-sectional diagram illustrates a complex semiconductor assembly. At the base is a substrate 8, which supports a series of layers and structures. A layer 12 is positioned above the substrate, featuring a central opening 10. This opening is bordered by a raised rim 10a and contains a component 10b. Above layer 12 is another layer 13, which includes a central portion 13c and side portions 13a and 13b. Layer 13 is further divided into regions 13a-1, 13a-2, 13b-1, and 13b-2. A thick, patterned layer 14 is situated above layer 13, with various sub-regions labeled 14a through 14g. Below layer 14, there are several other layers and features, including a hatched region 15, a layer 16, and a layer 17. The topmost part of the device consists of a stack of layers 18a, 18b-C, and 18b-D, topped with a final layer 18e. Numerous other labels indicate specific structural details and interfaces throughout the device.

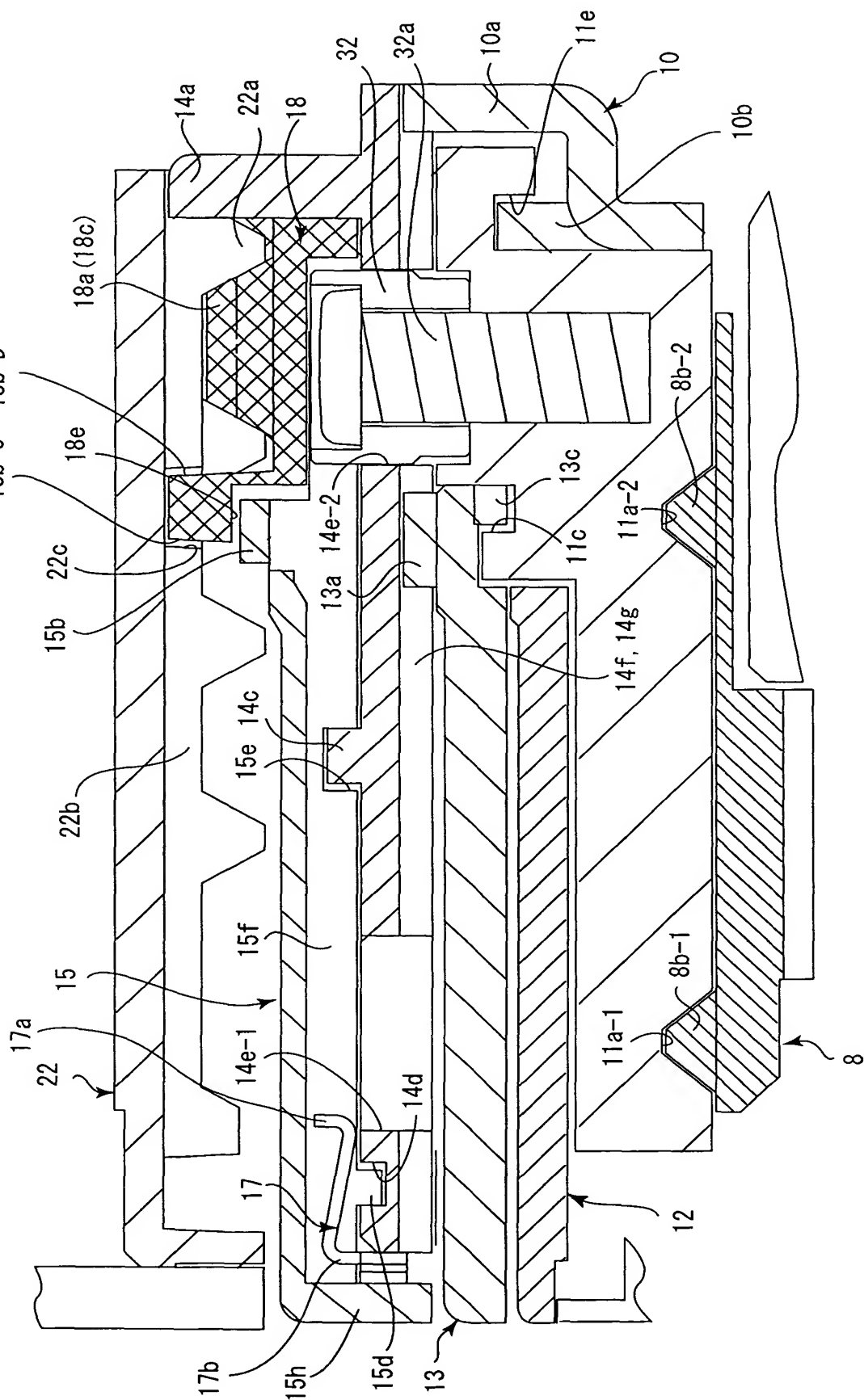


Fig. 36

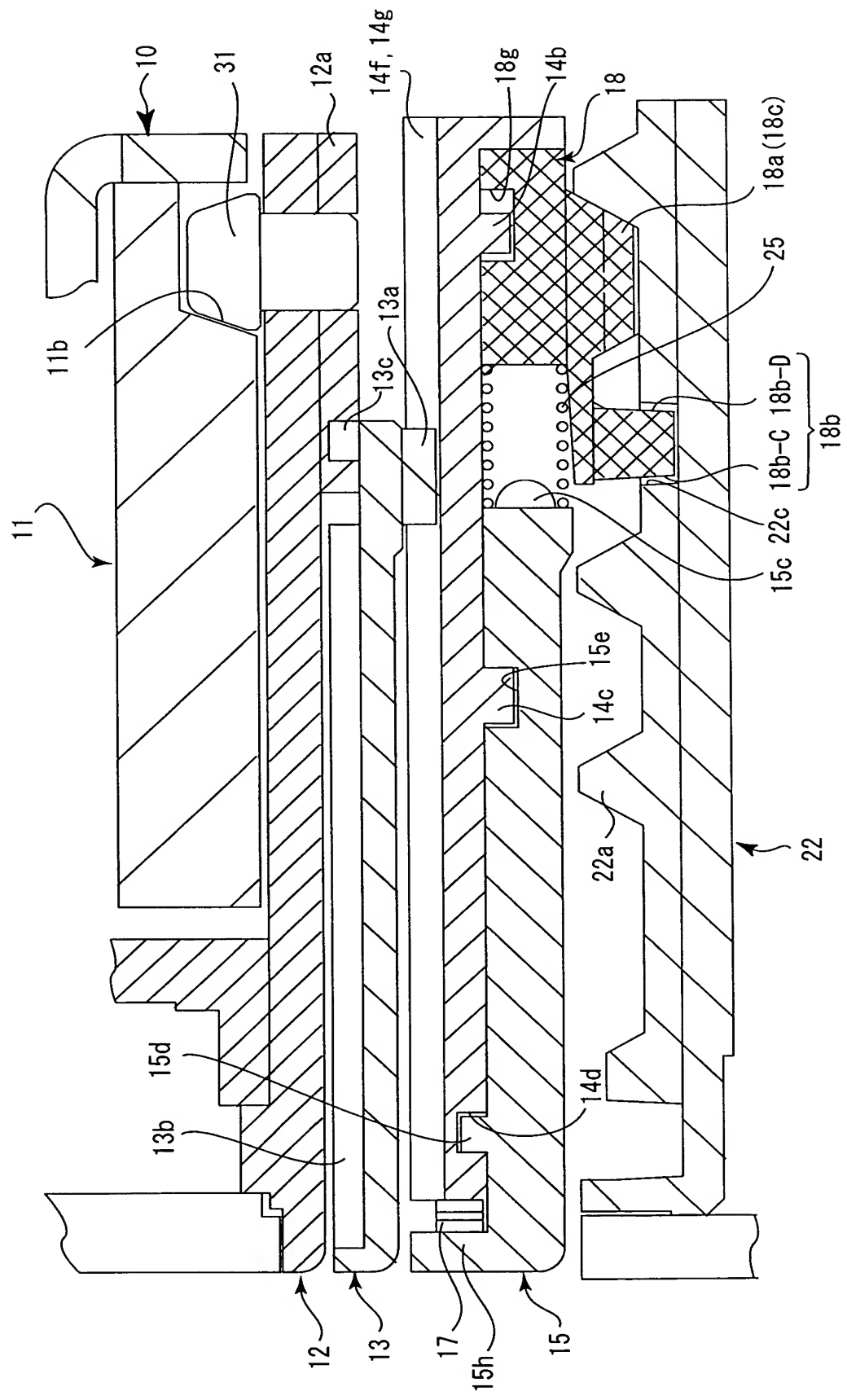


Fig. 37

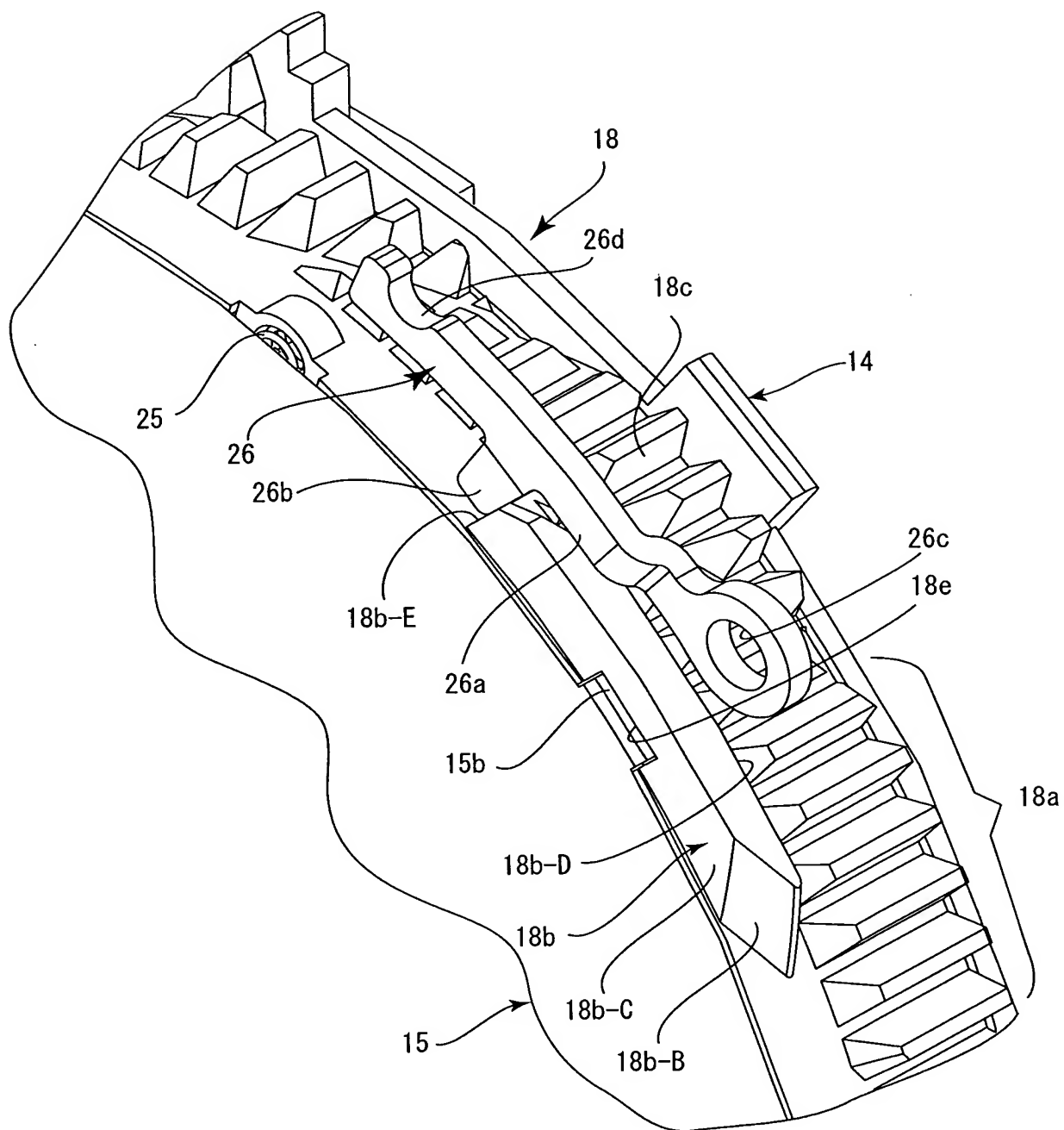


Fig. 38

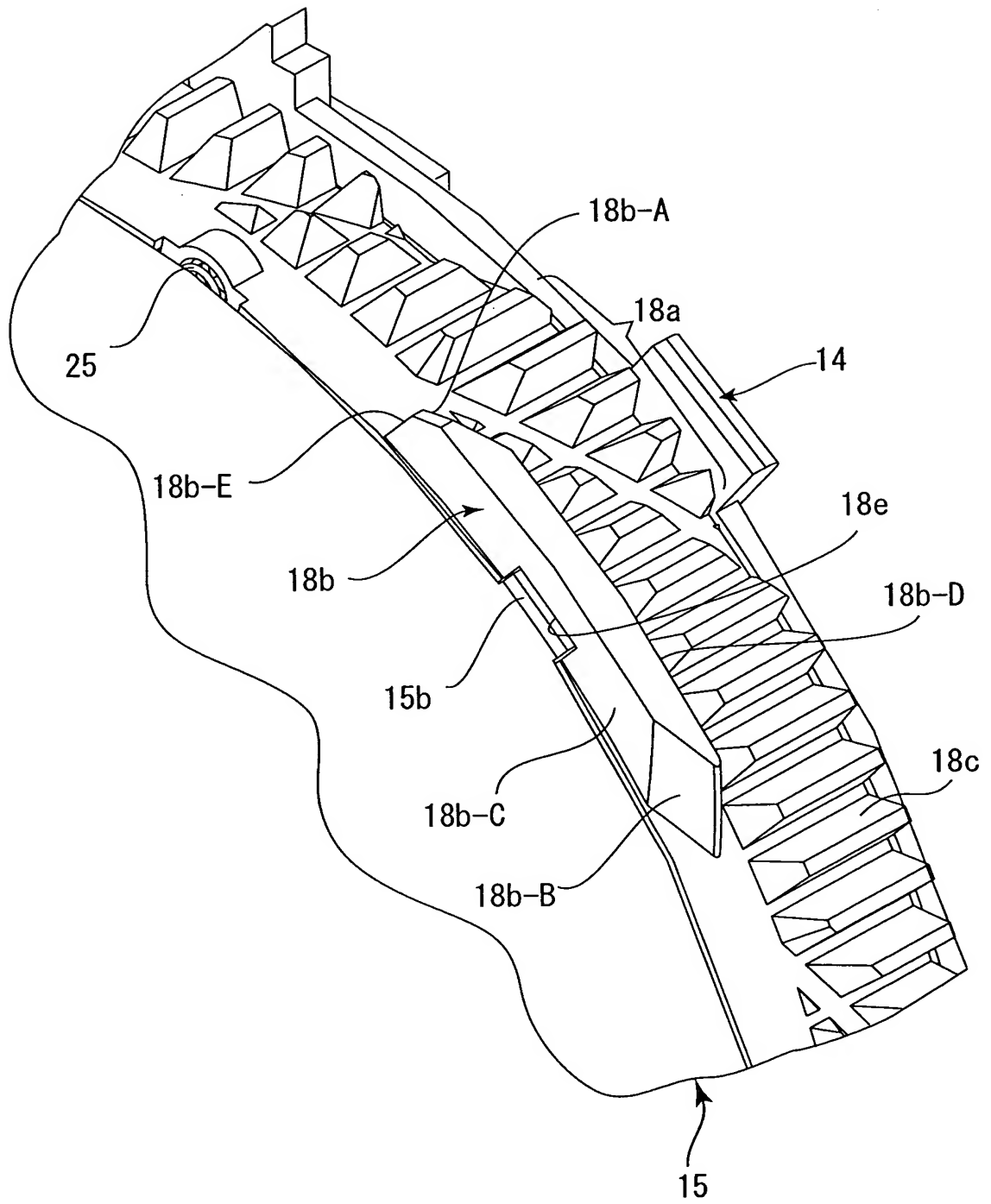


Fig. 39

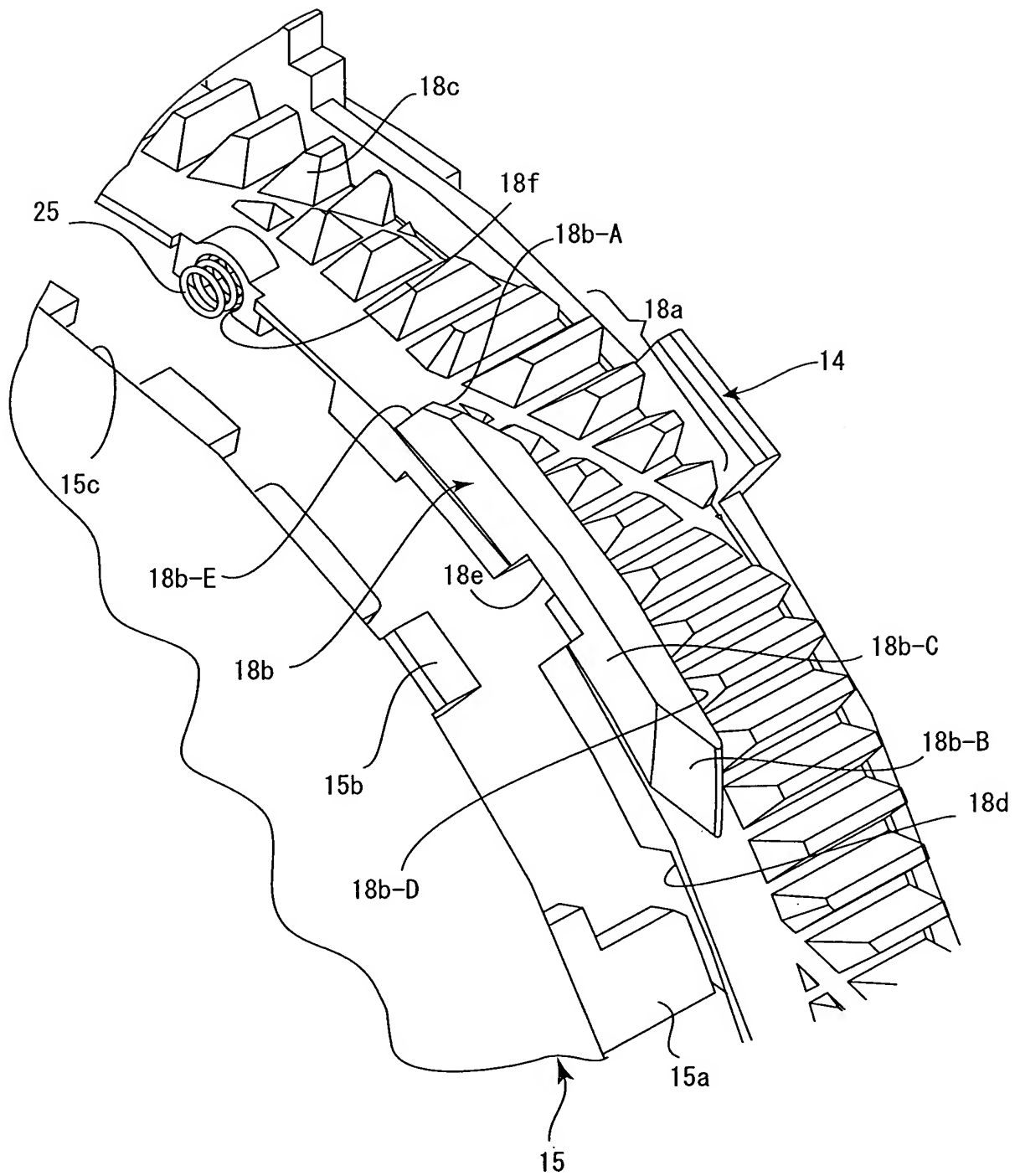


Fig . 40

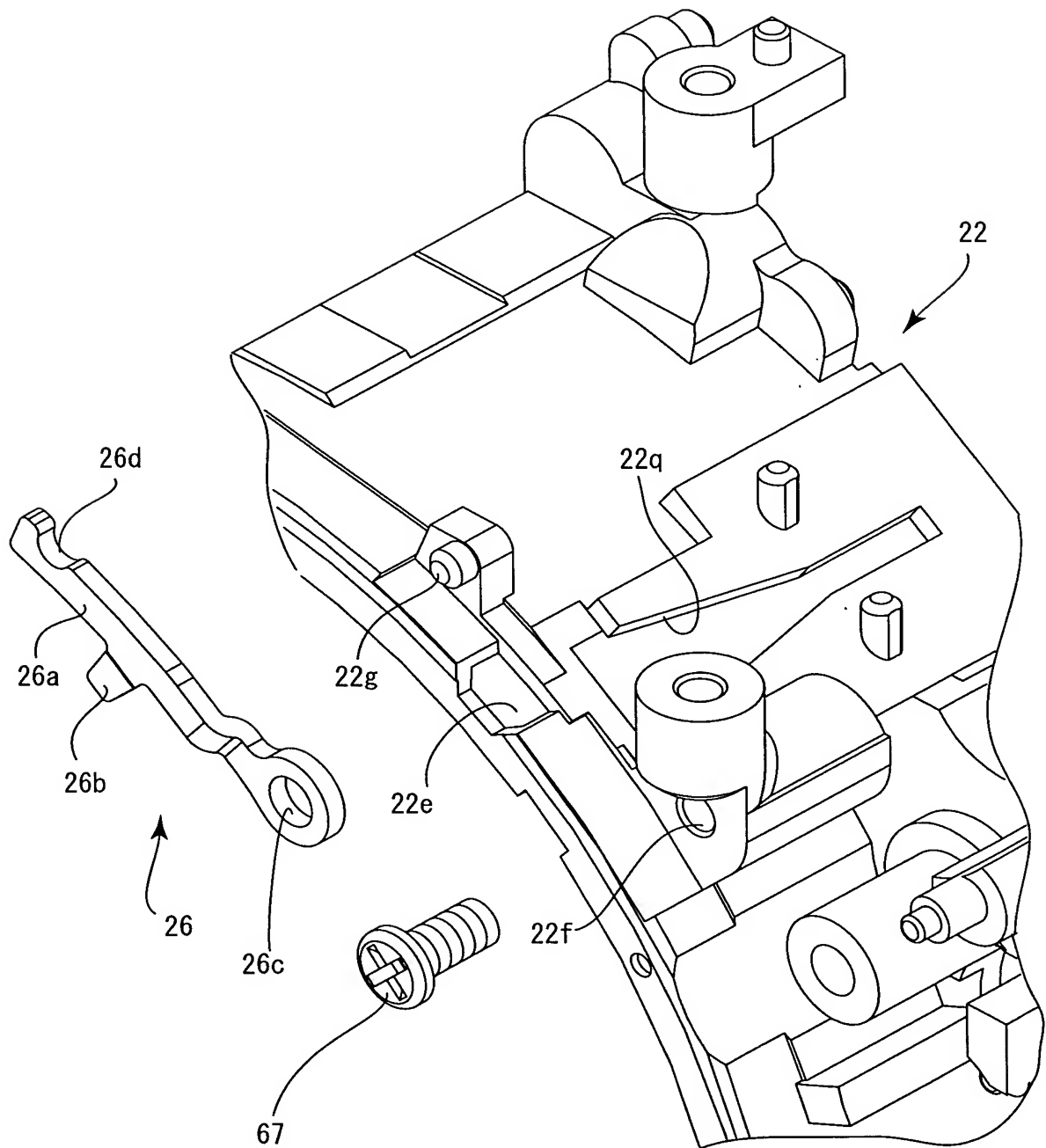




Fig . 41

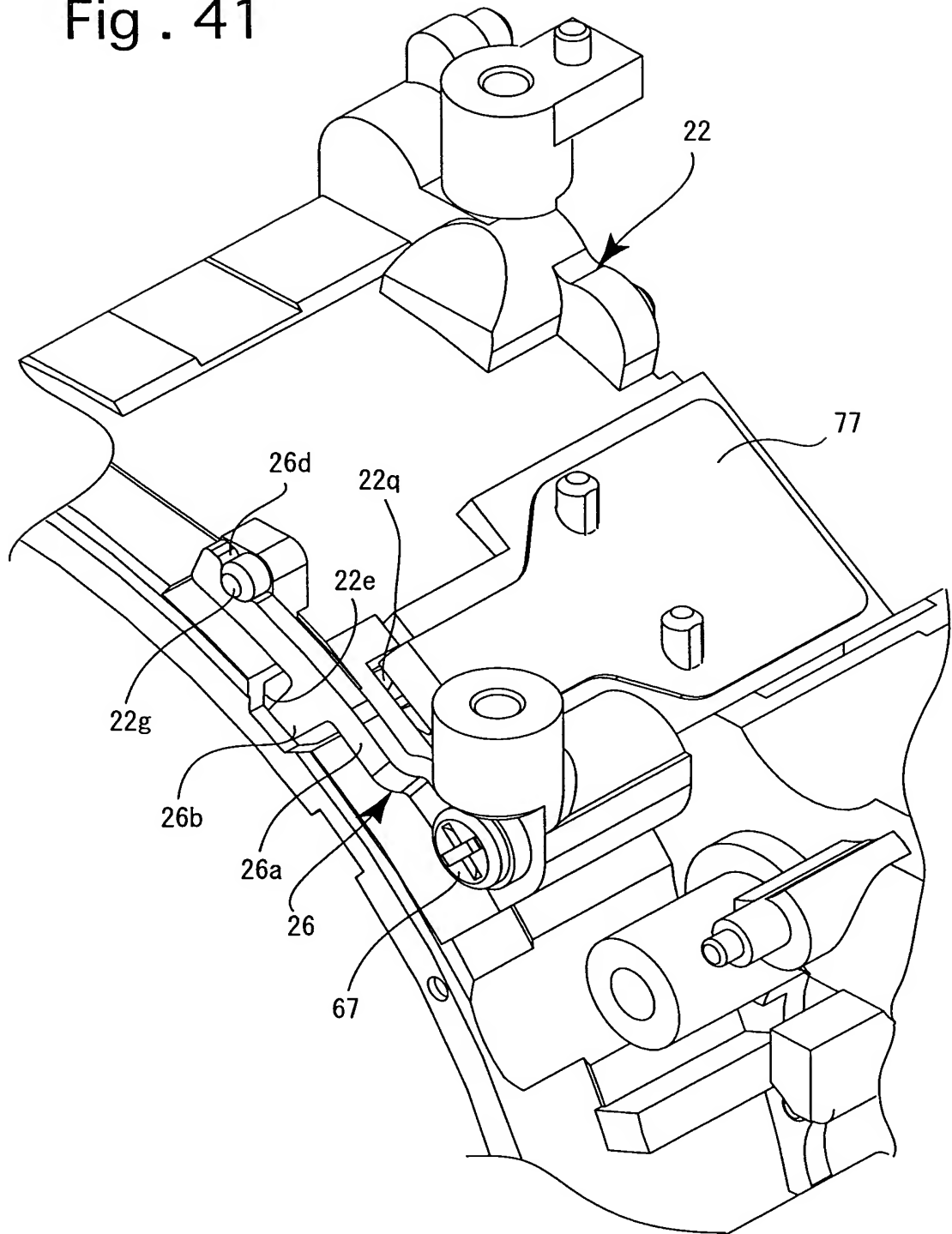


Fig. 42

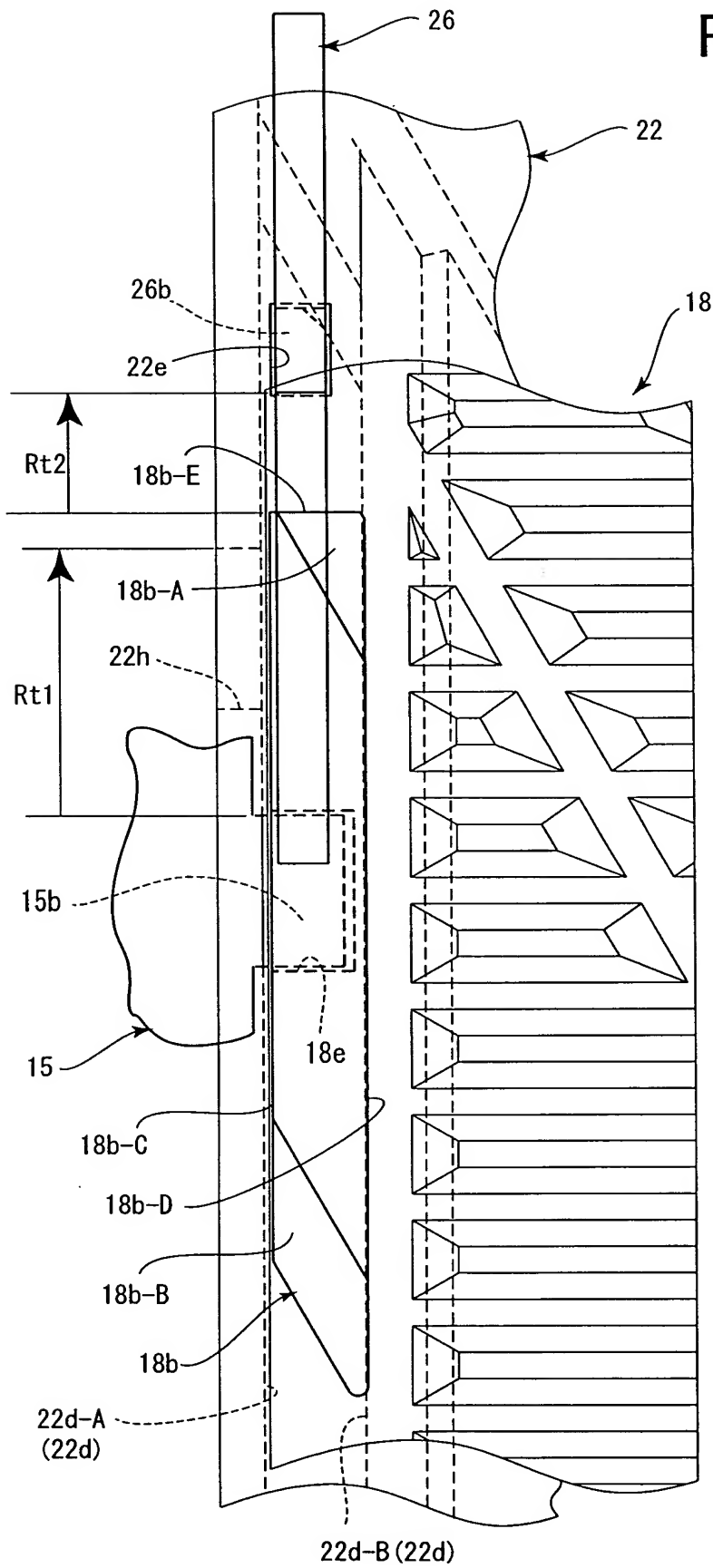


Fig. 43

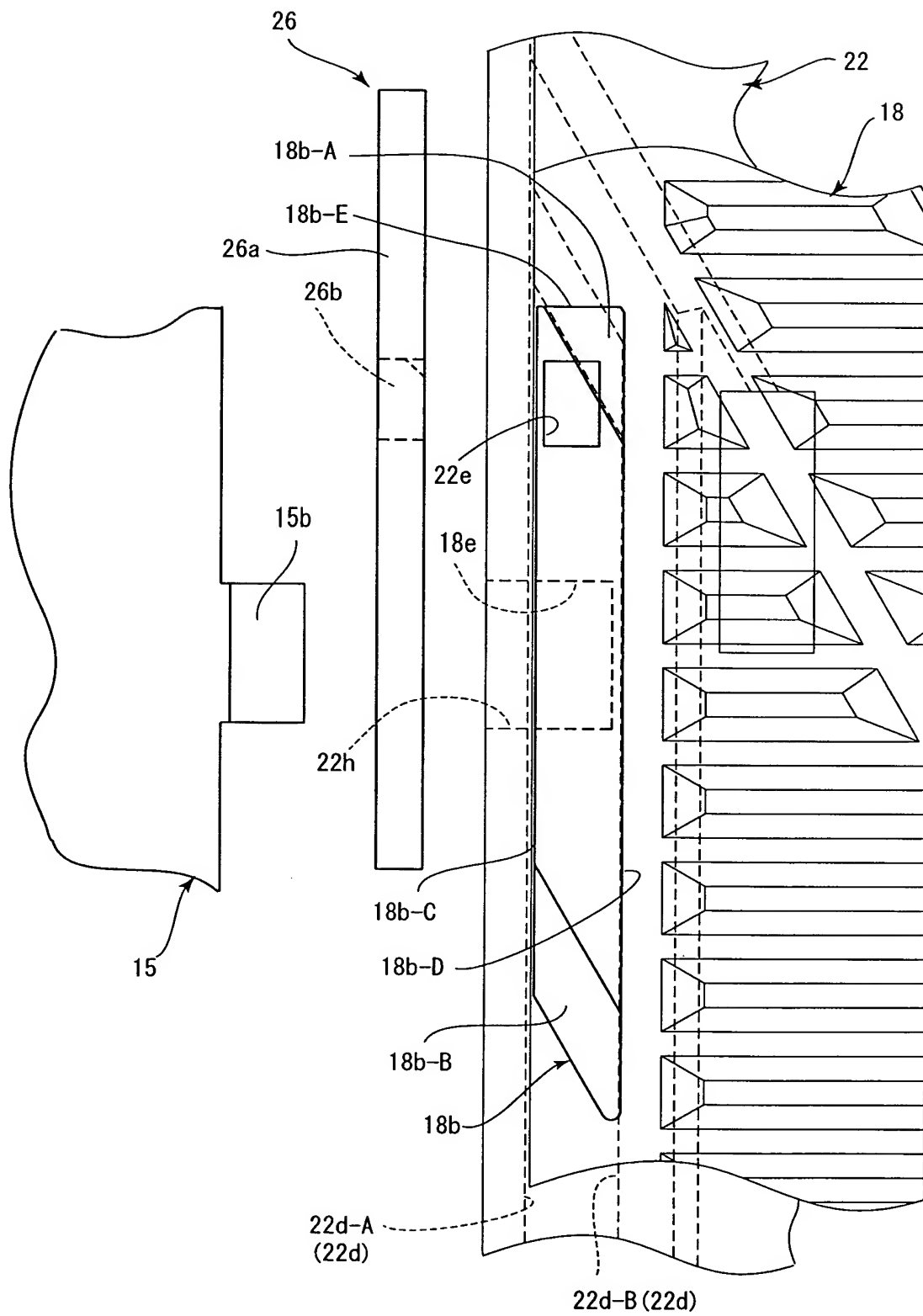


Fig. 44

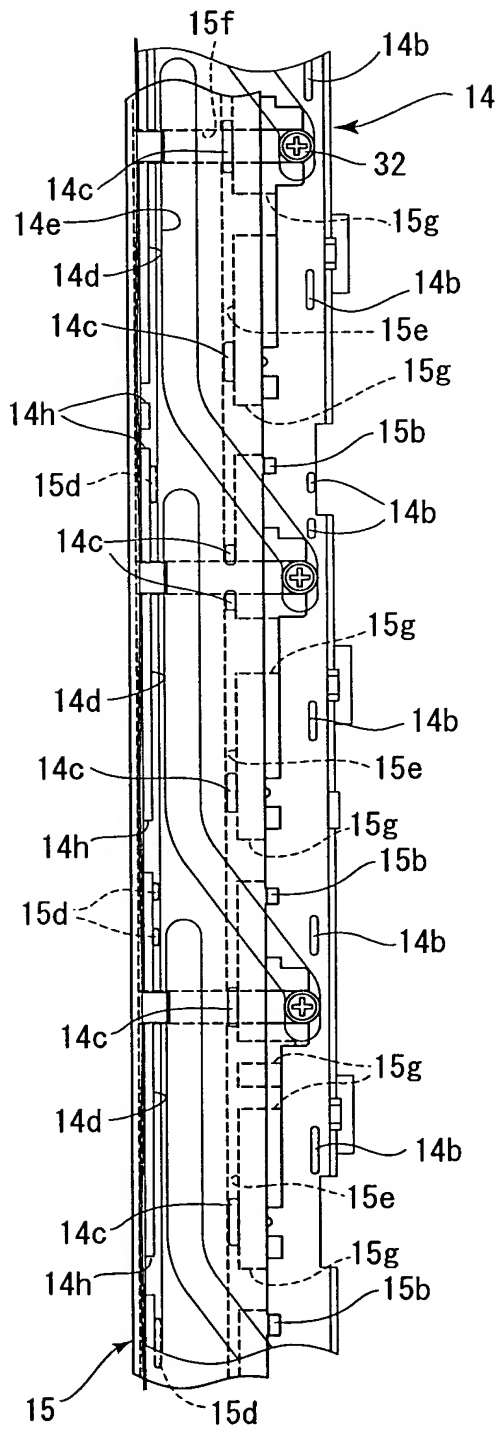


Fig. 45

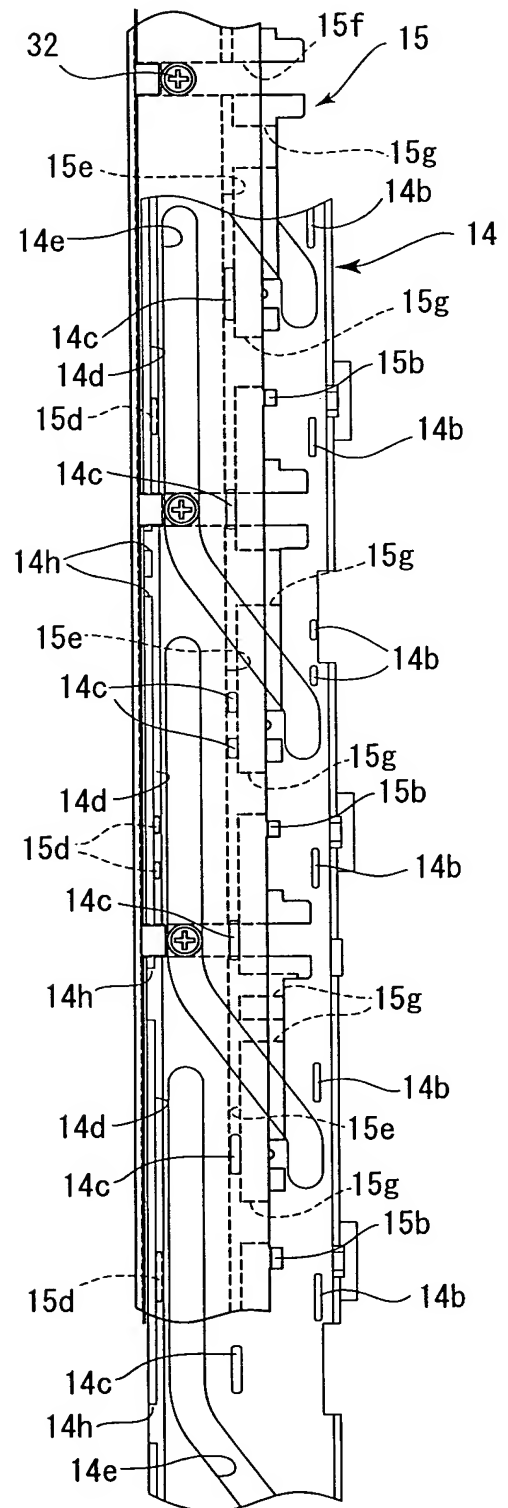


Fig. 46

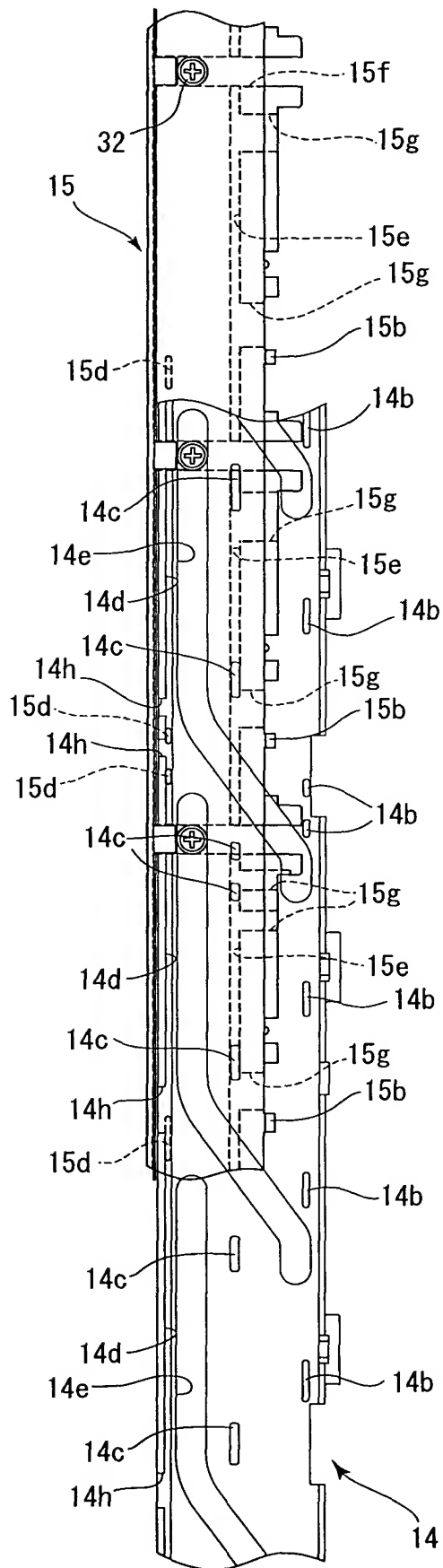


Fig. 47

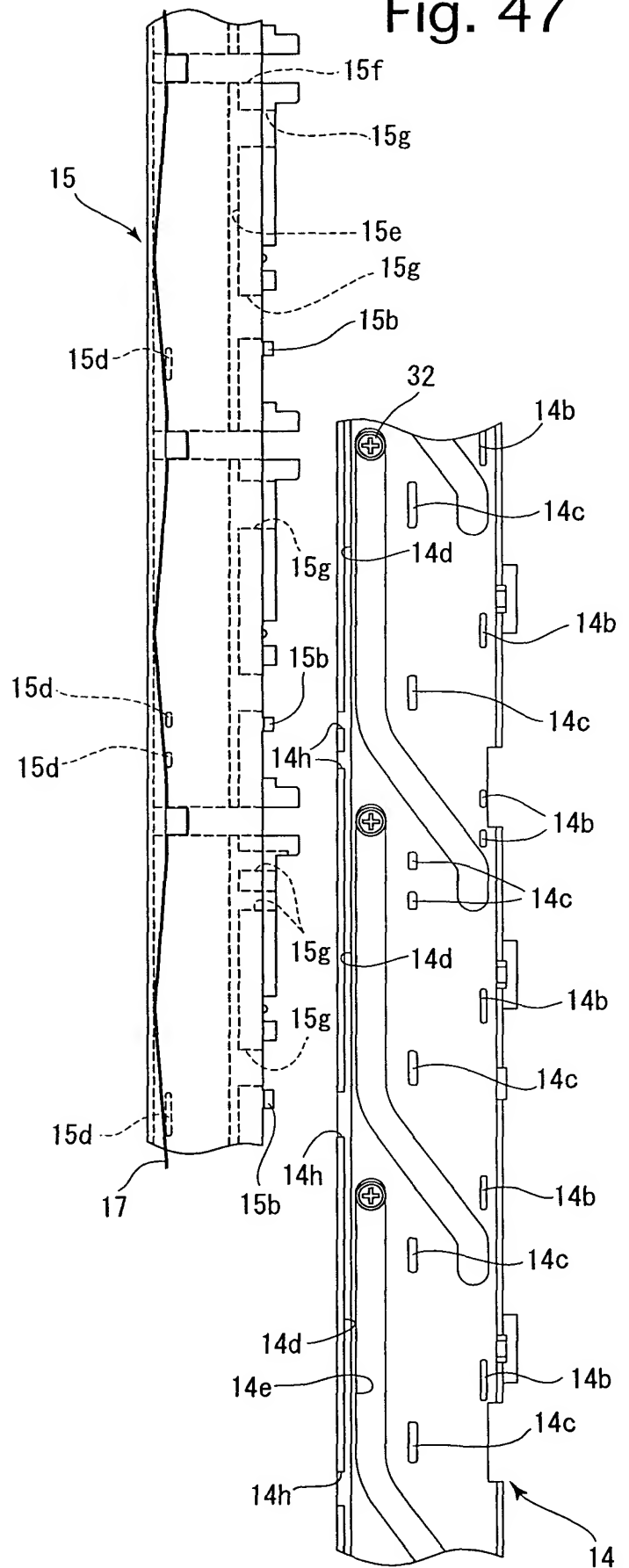


Fig. 48

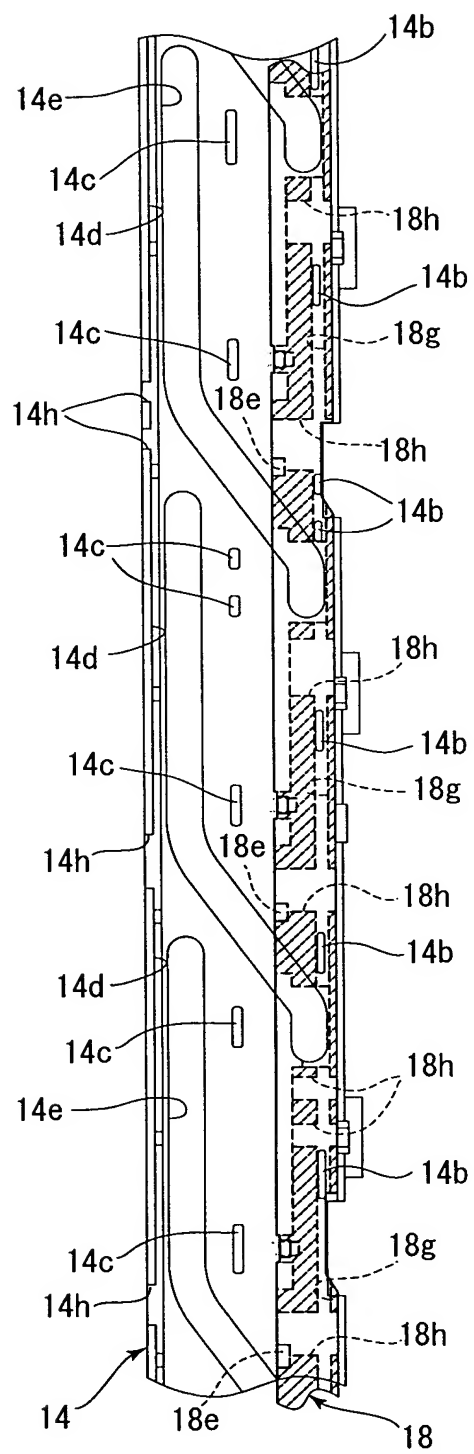


Fig. 49

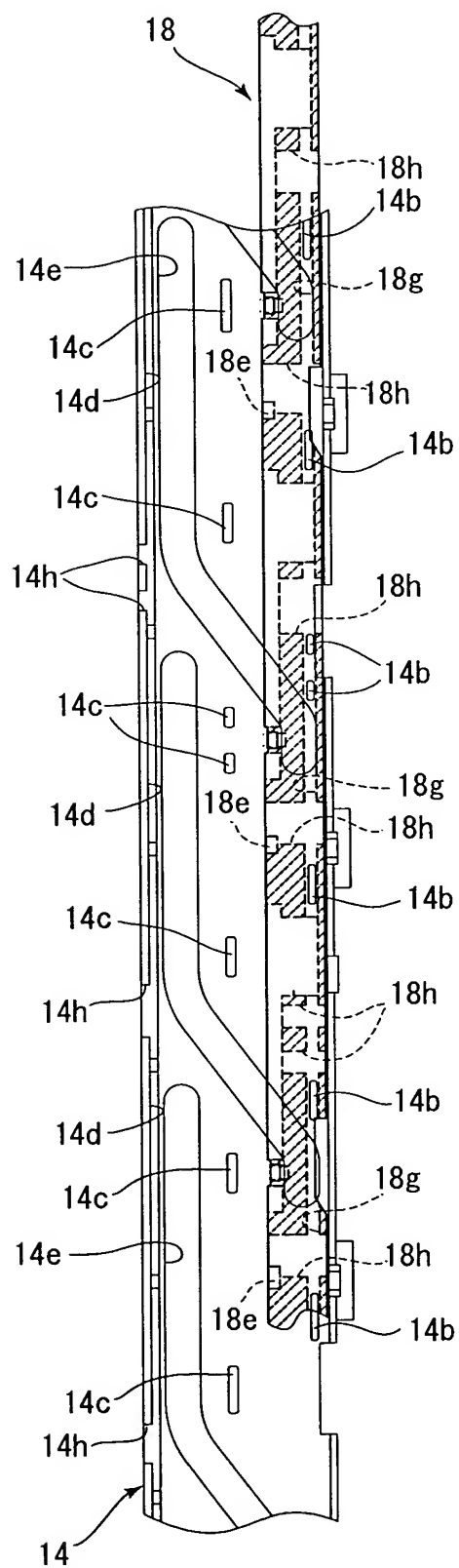


Fig. 50

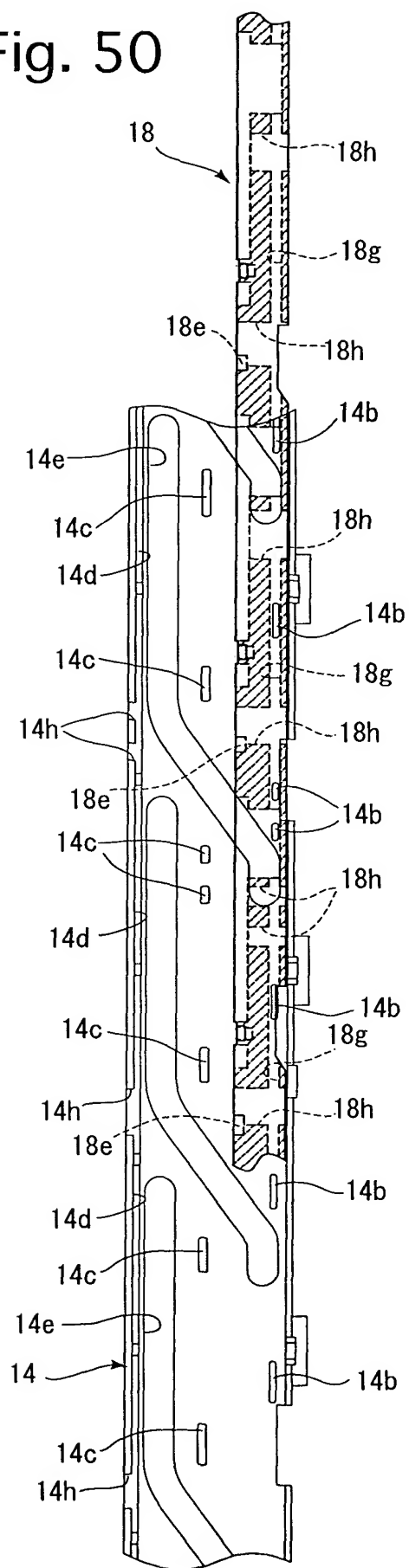


Fig. 51

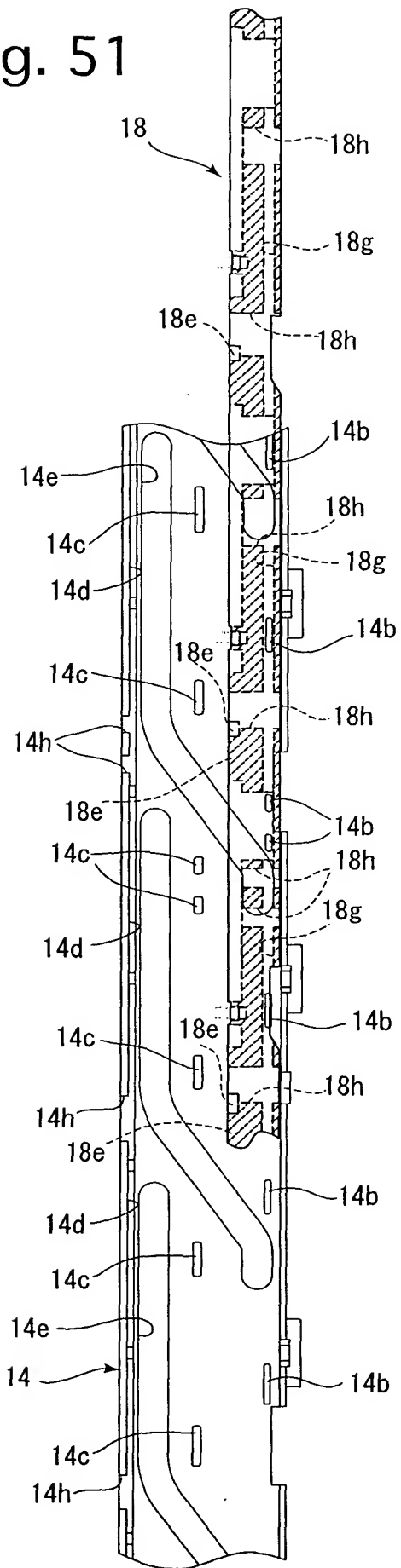


Fig. 52

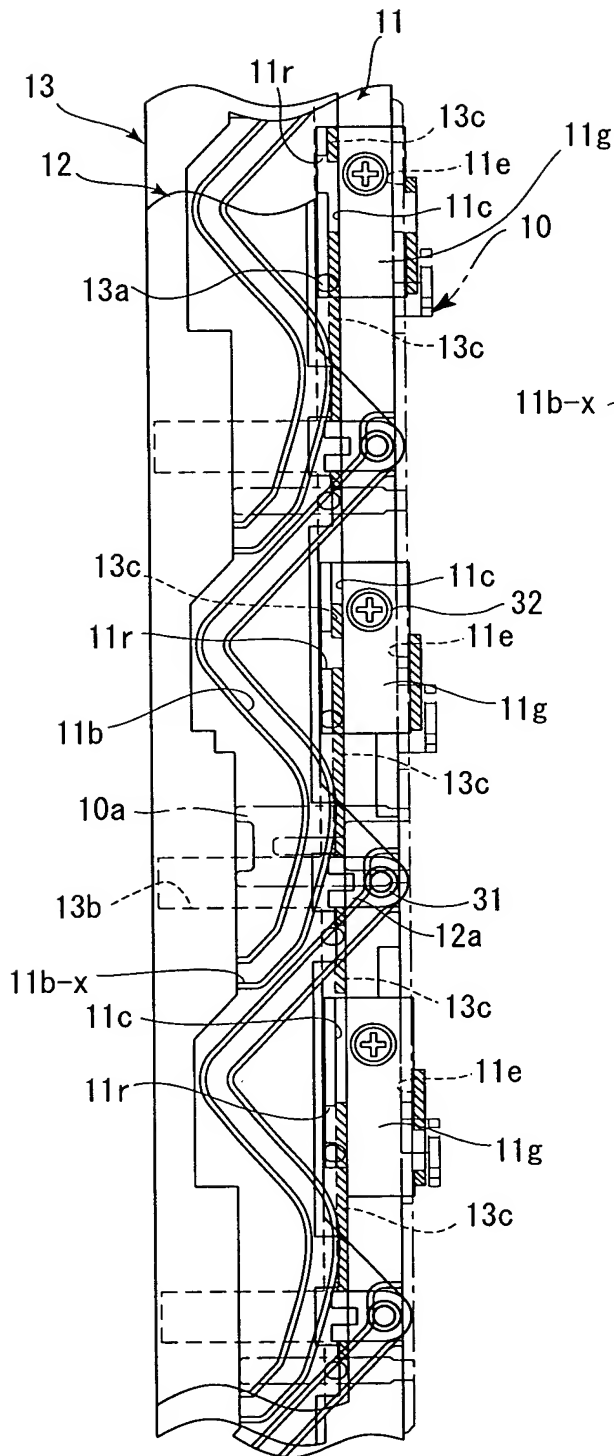


Fig. 53

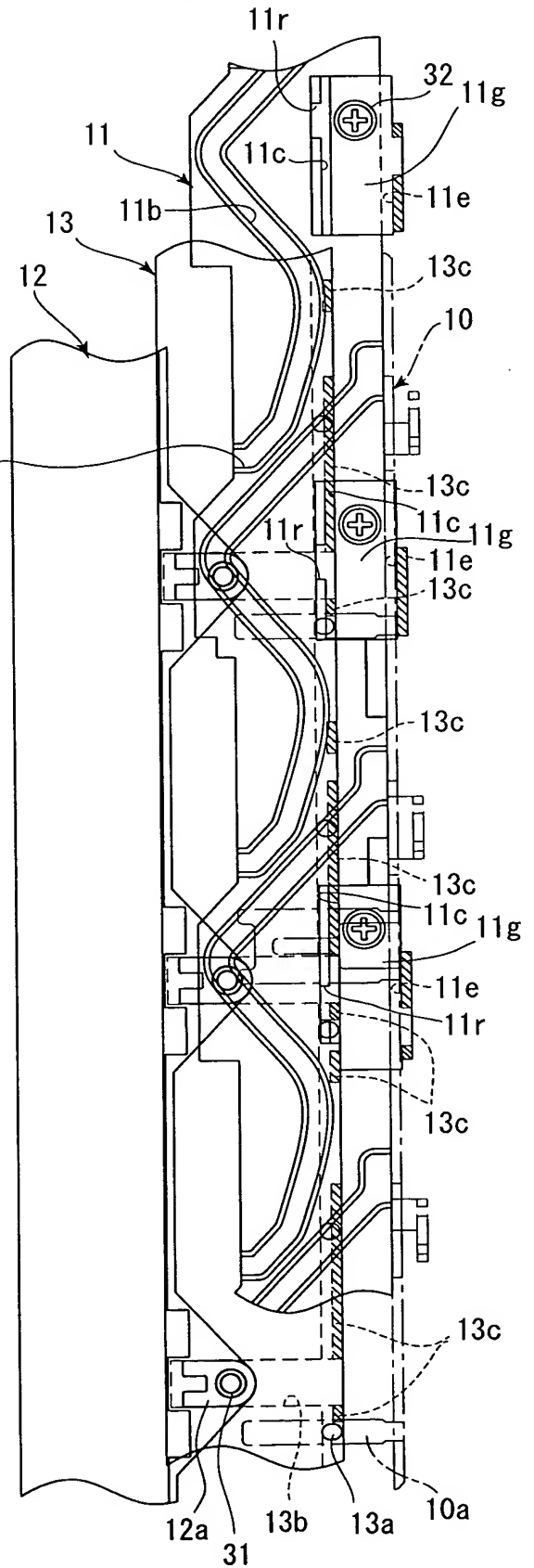




Fig. 54

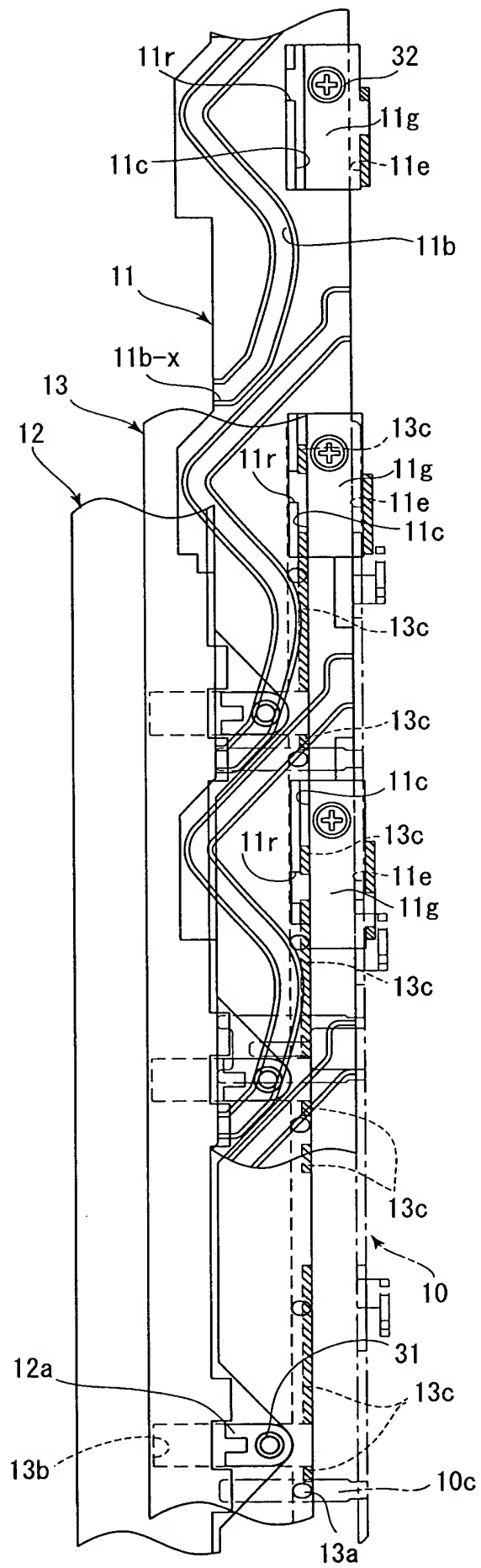


Fig. 55

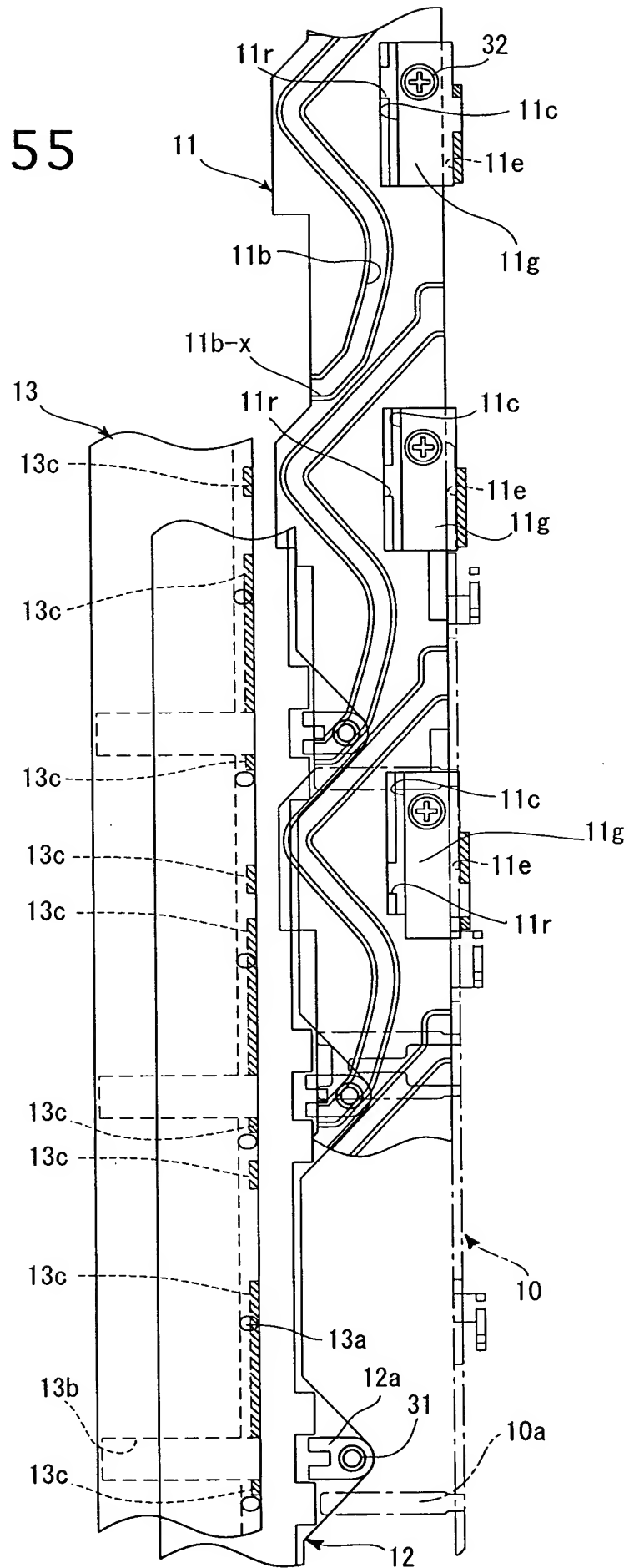


Fig. 56

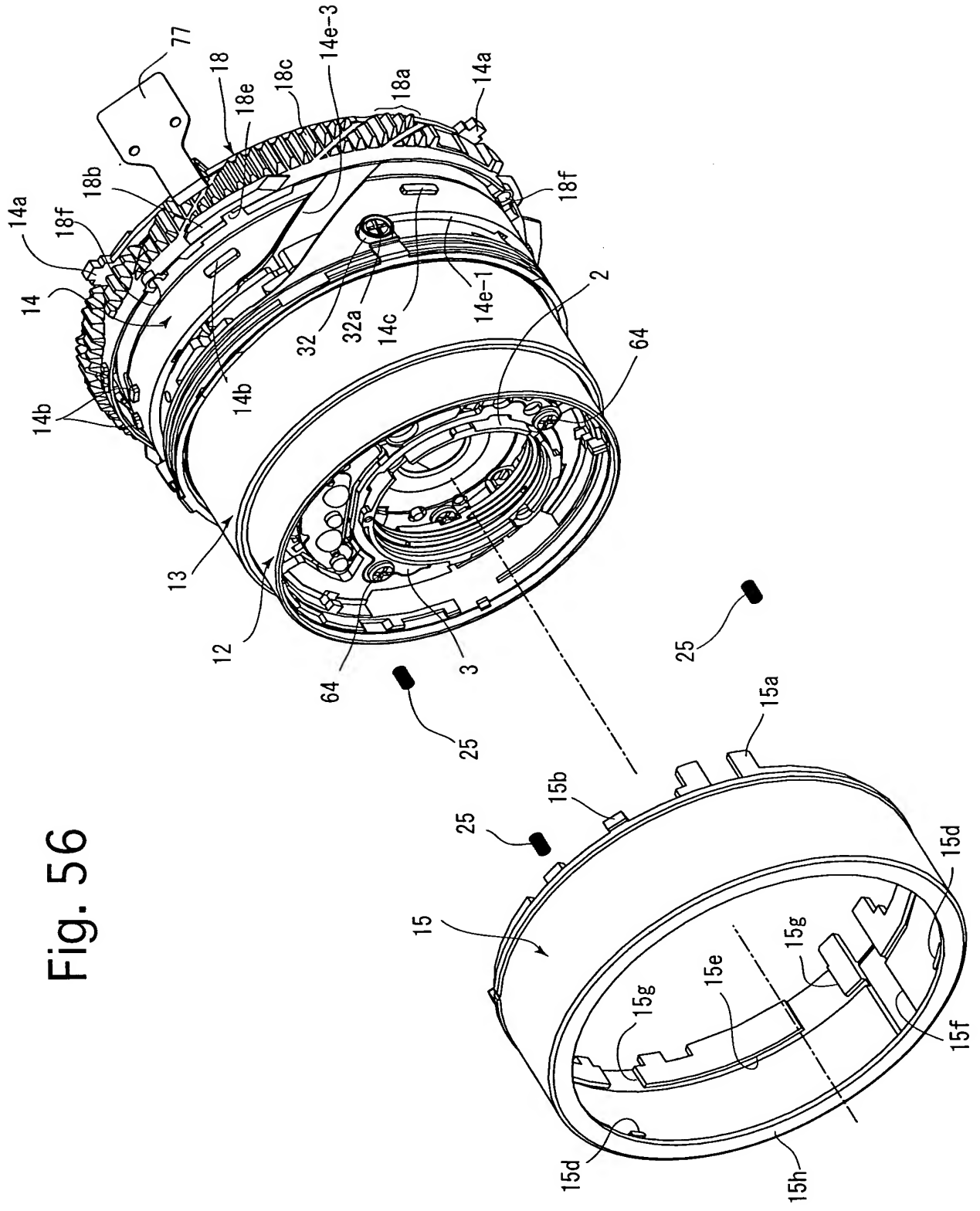


Fig. 57

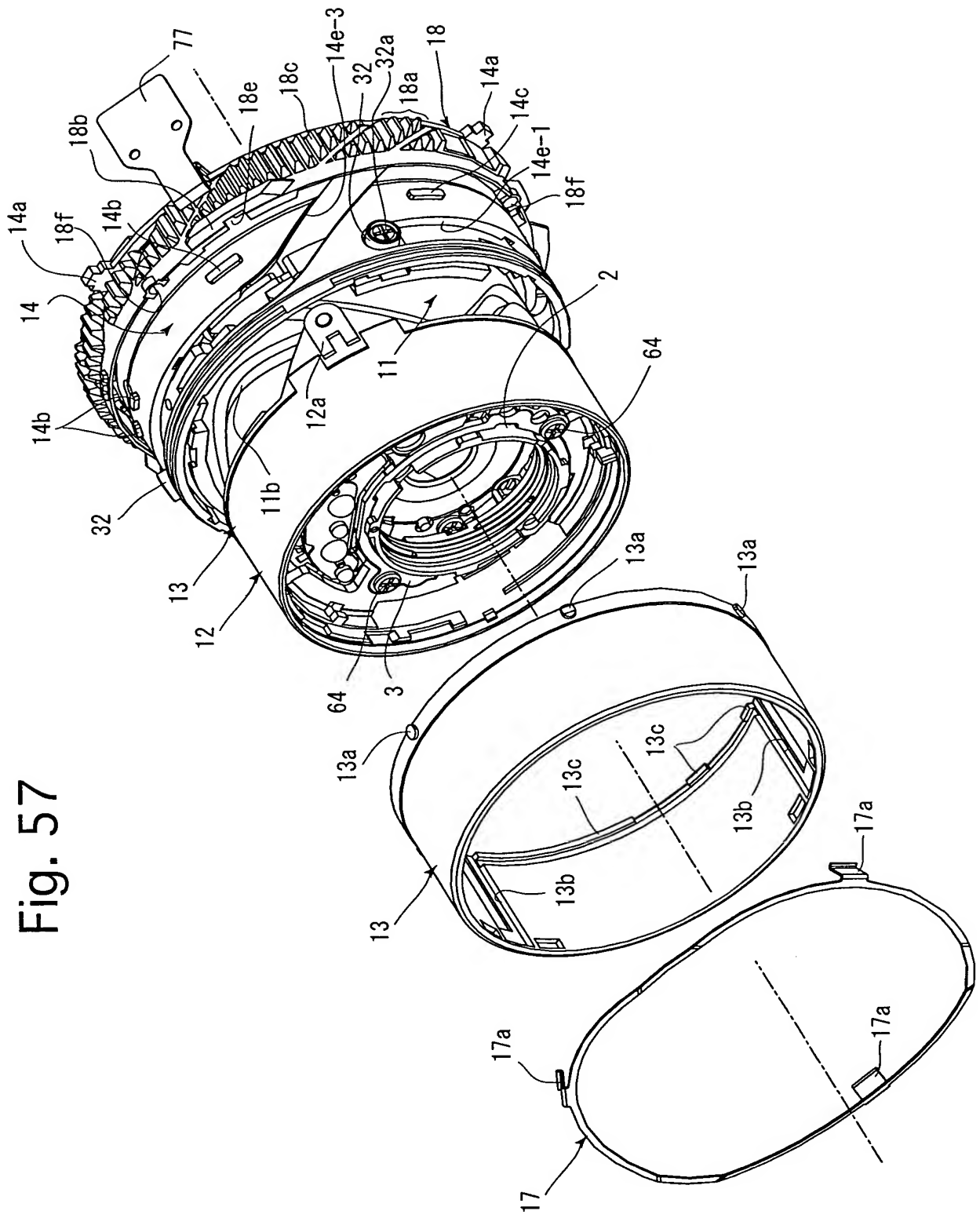


Fig. 58

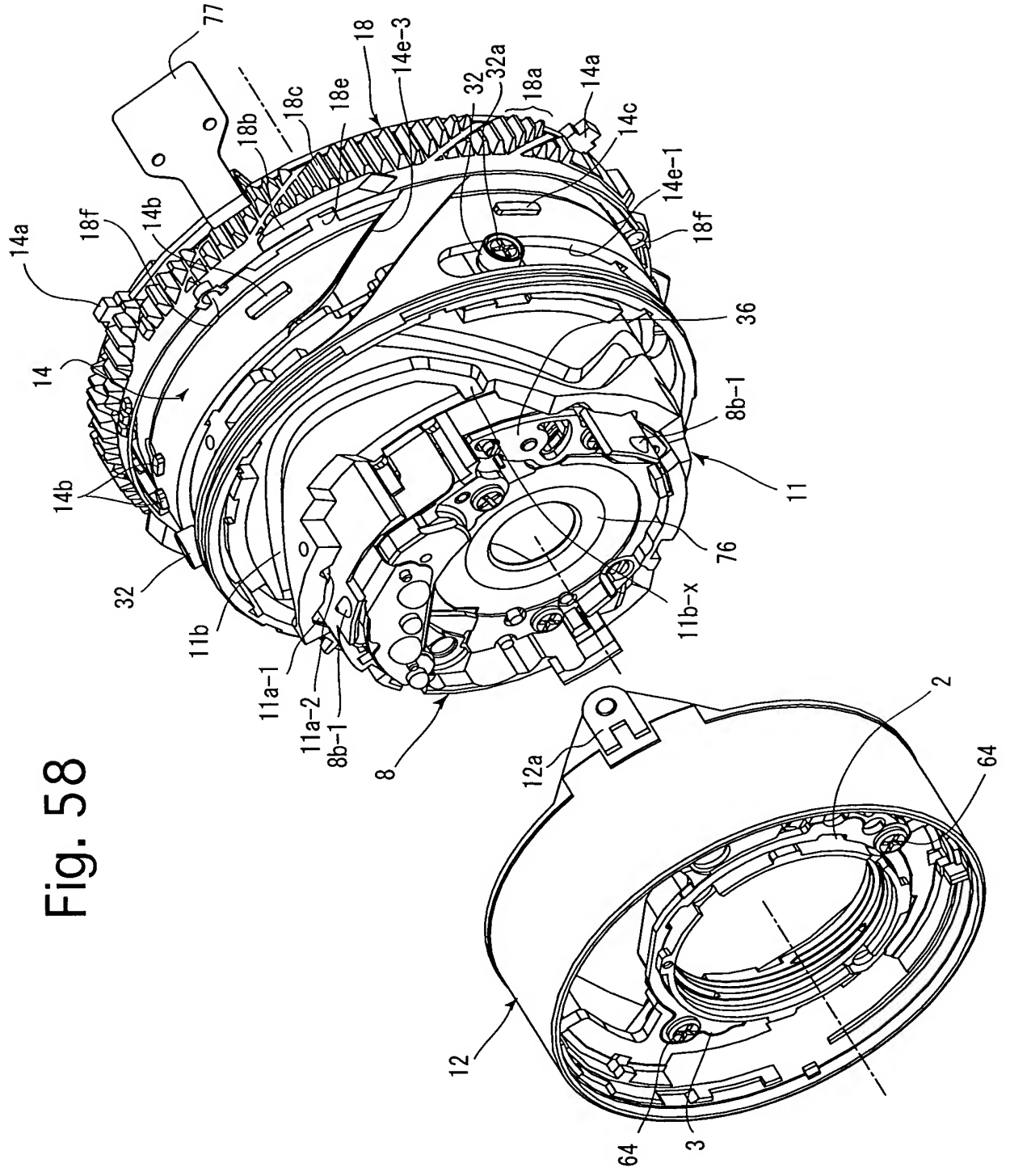


Fig. 59

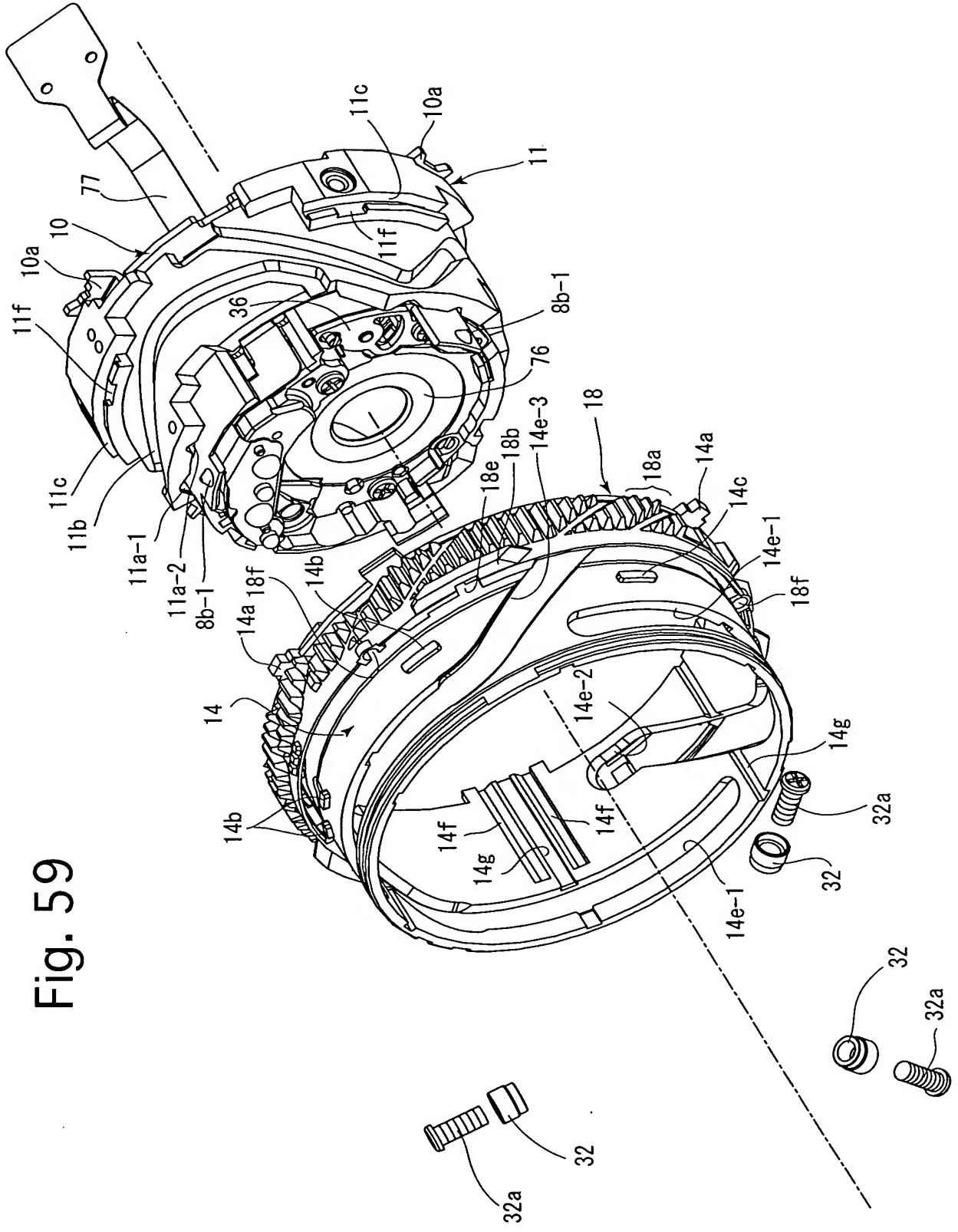


Fig. 60

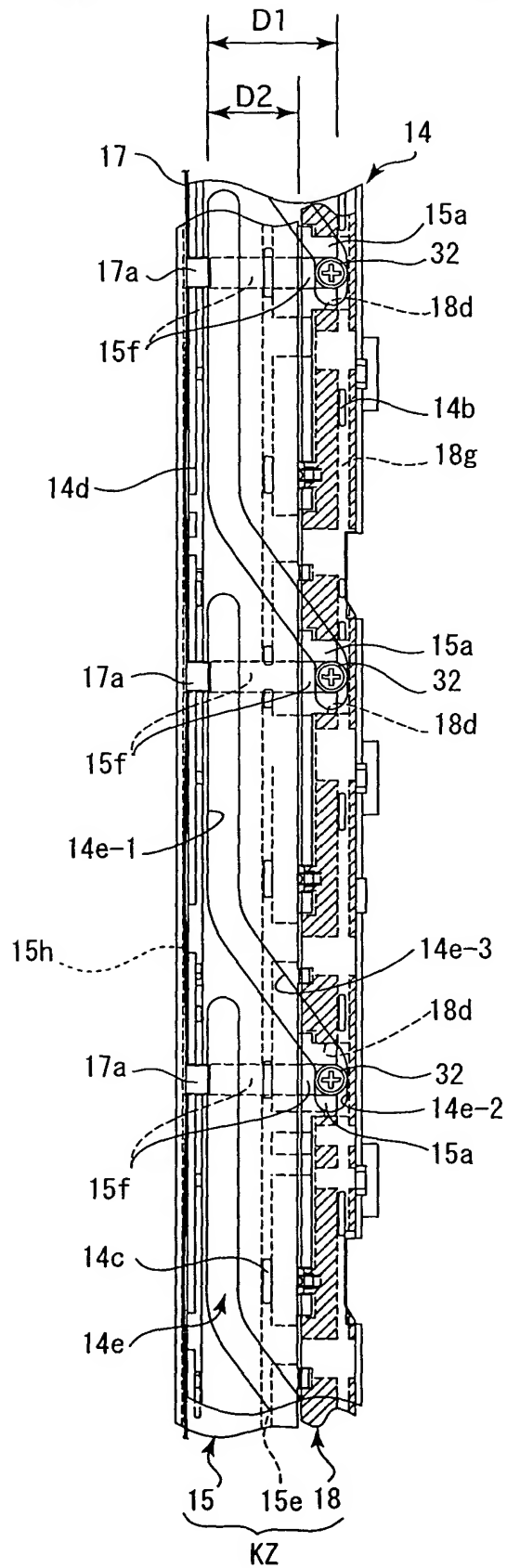
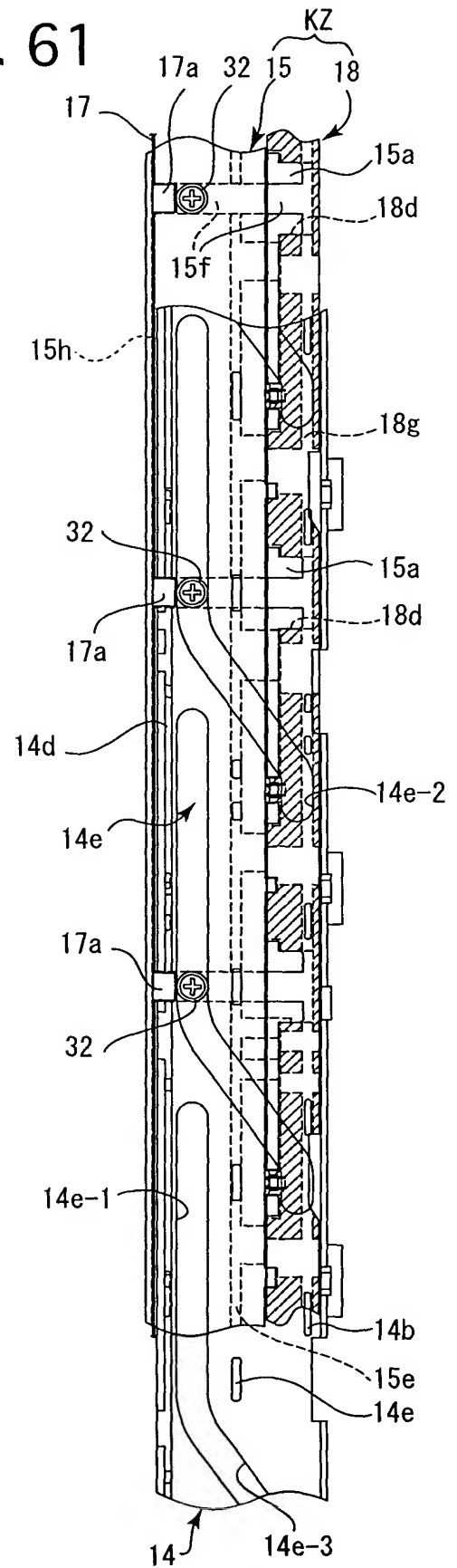


Fig. 61



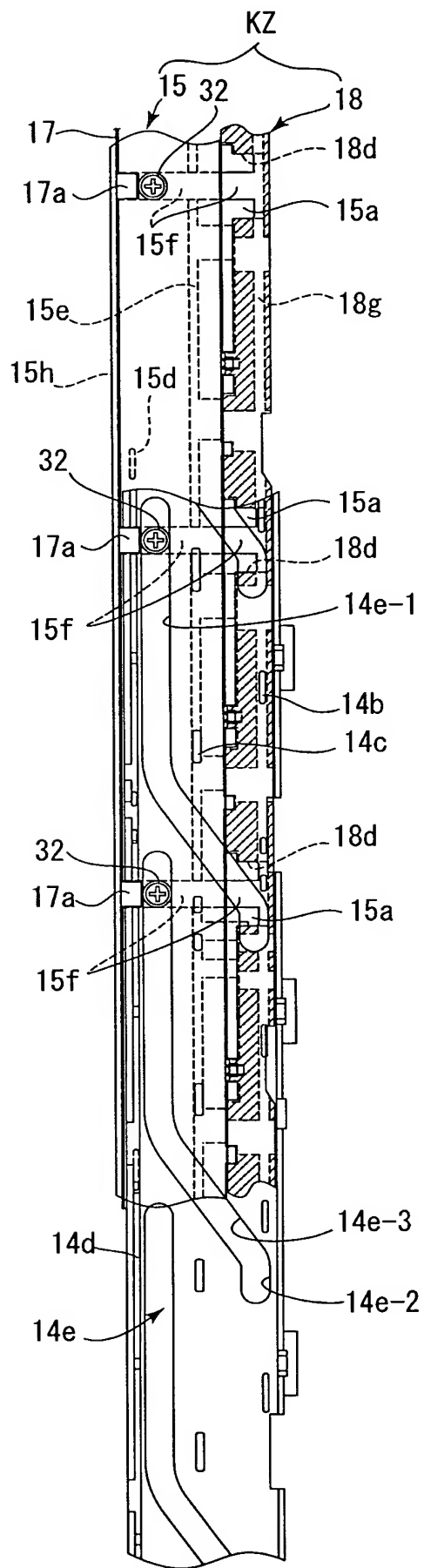


Fig. 62



Fig. 63

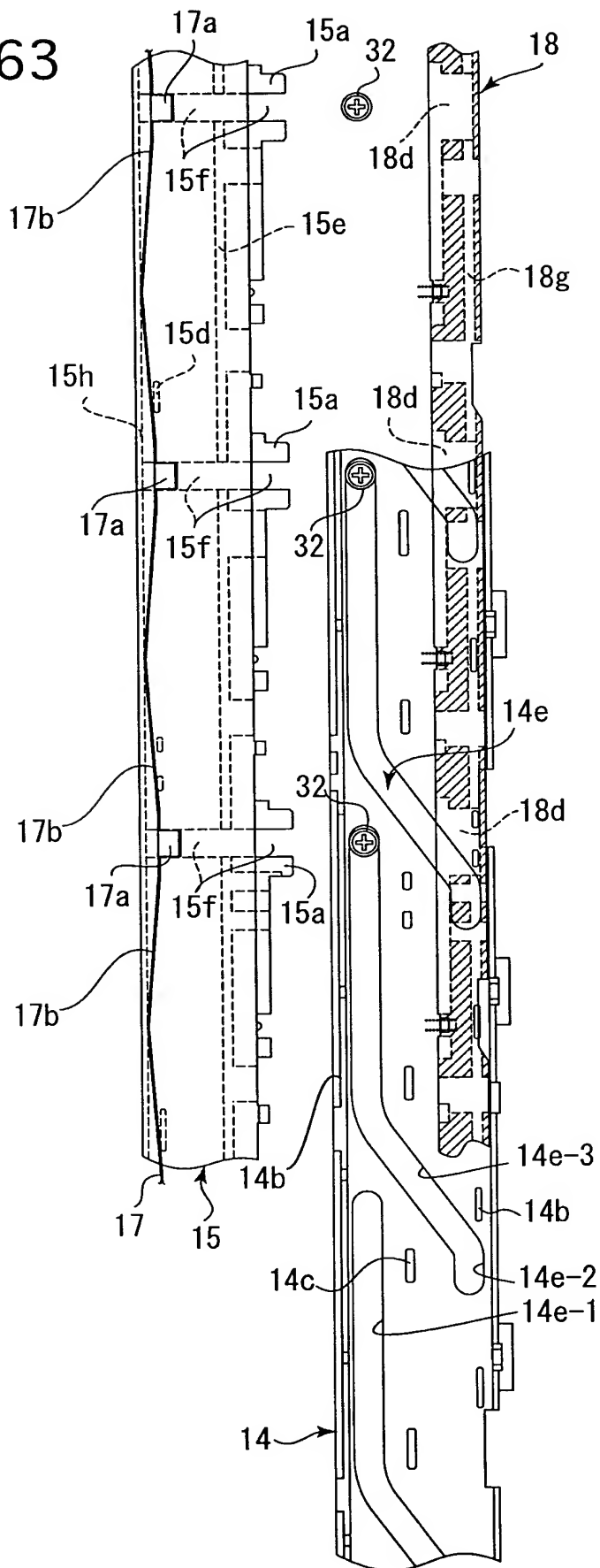


Fig. 64

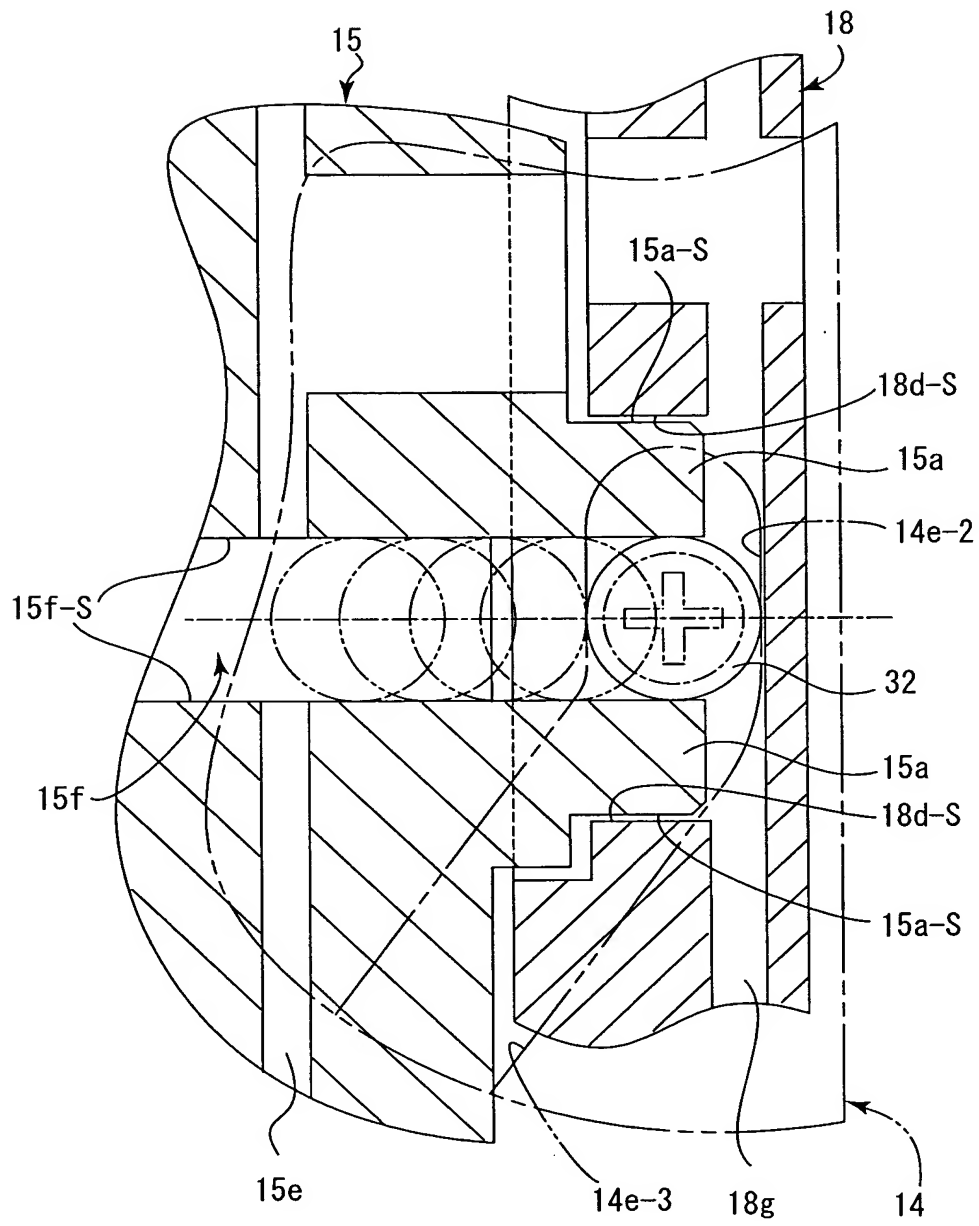


Fig. 65

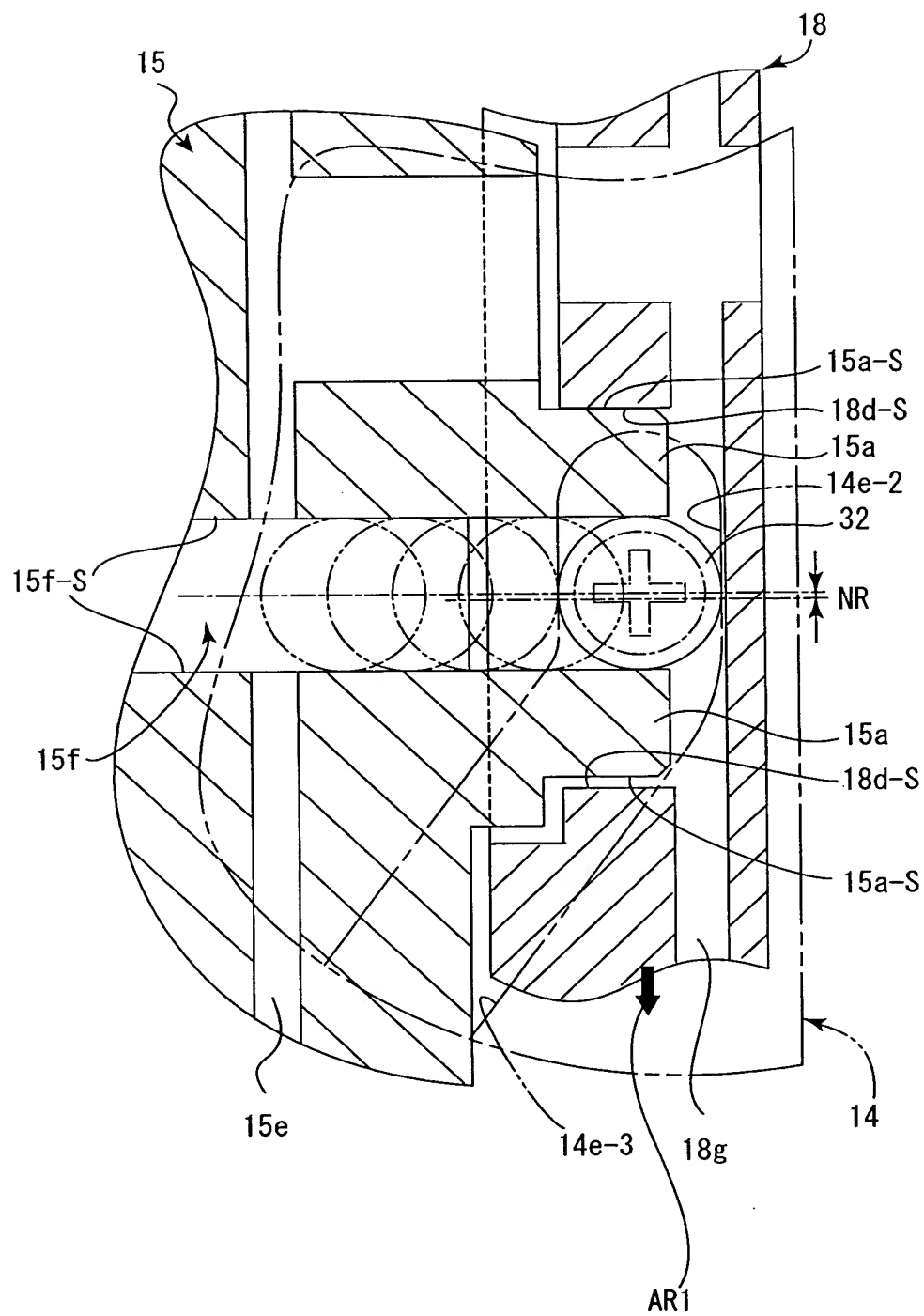


Fig. 66

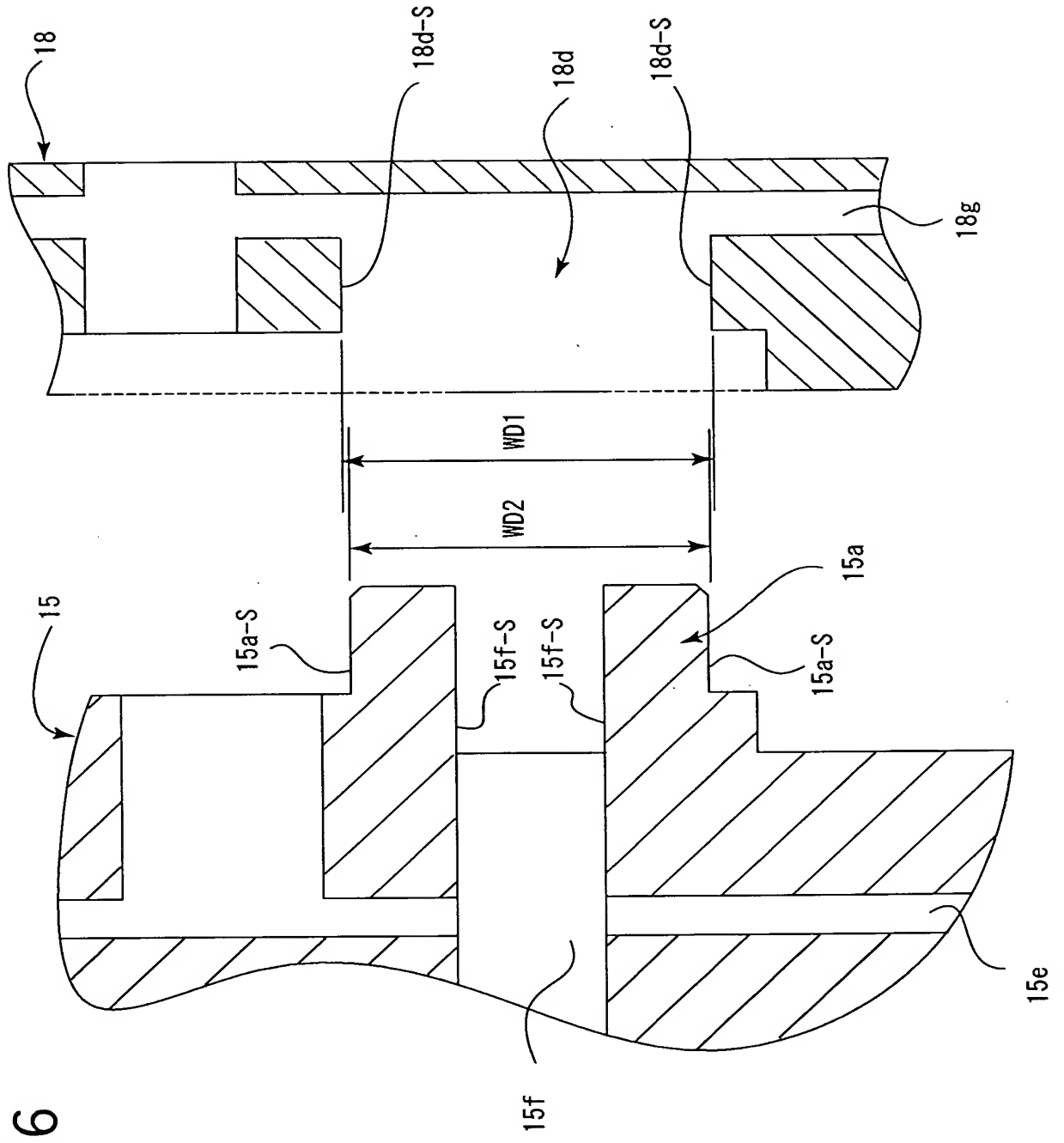


Fig. 67

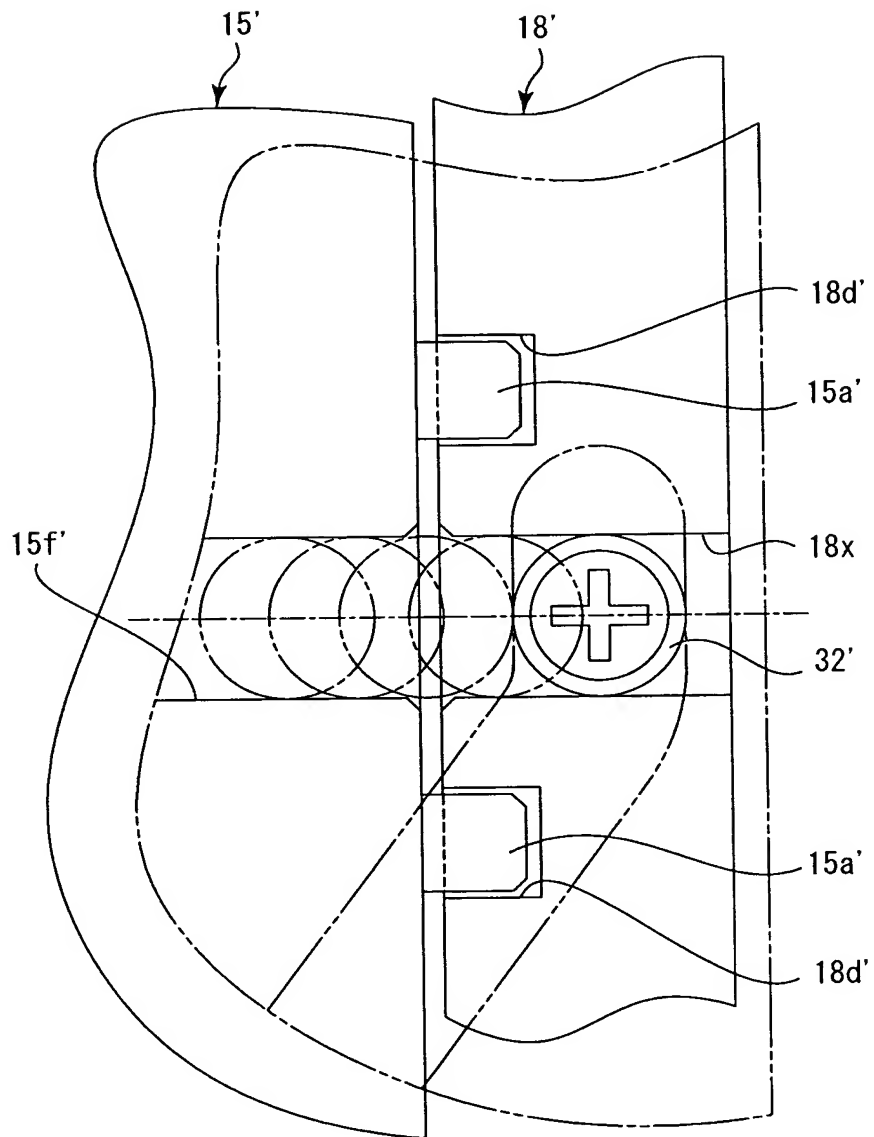


Fig. 68

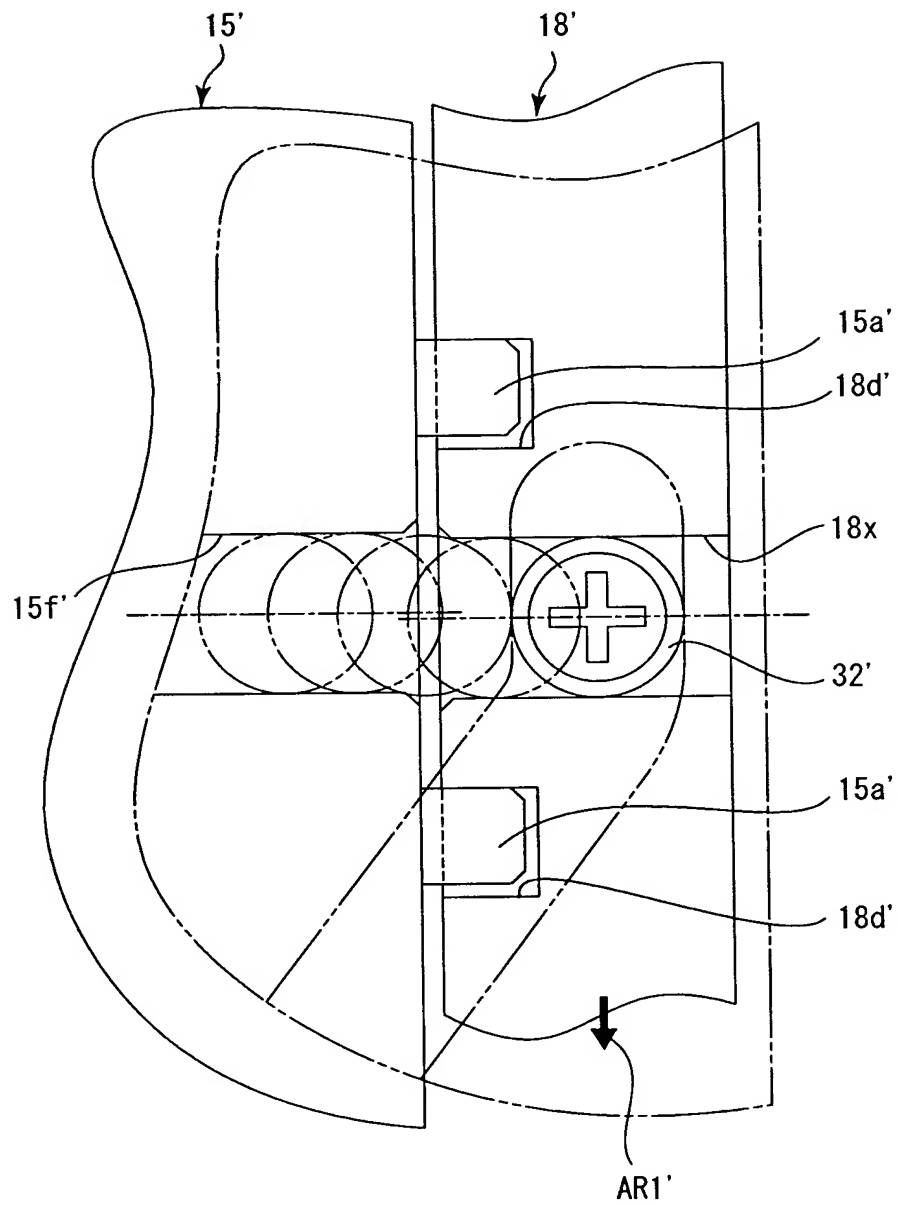


Fig. 69

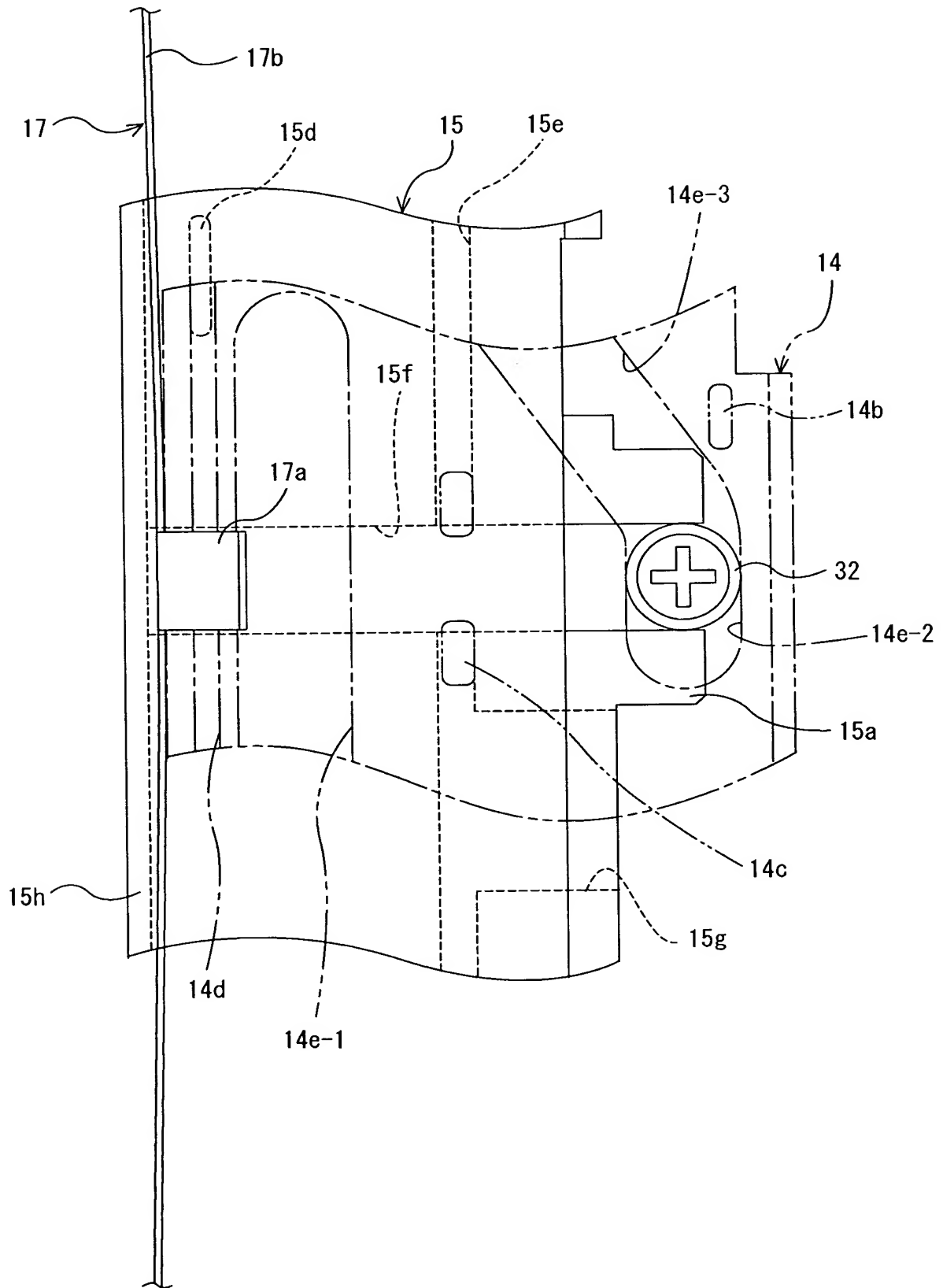


Fig. 70

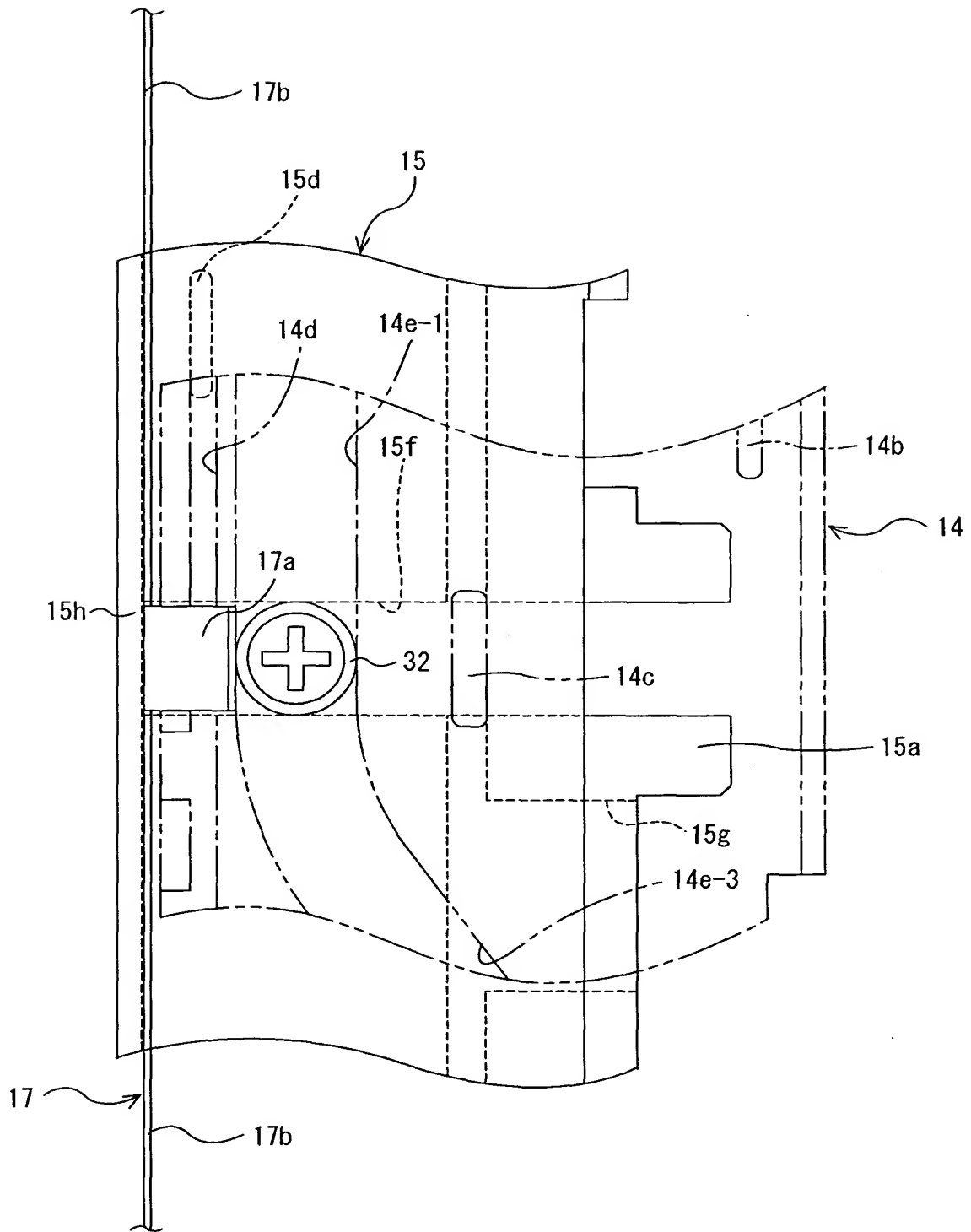




Fig. 71

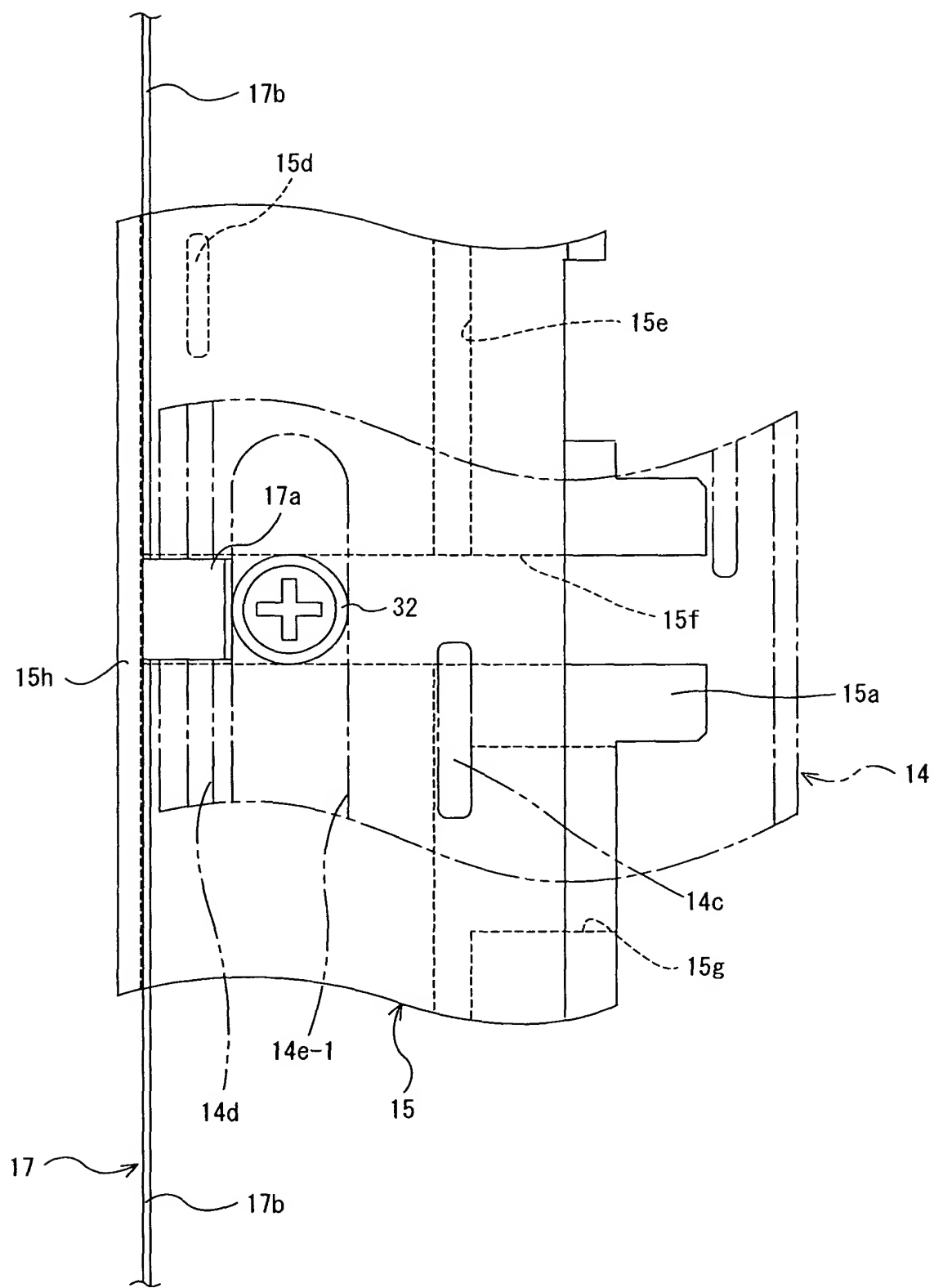


Fig. 72

15d

17b

15

15

17a

15f

17

15h

17b

15e

15h

17b

15f

15e

~17a

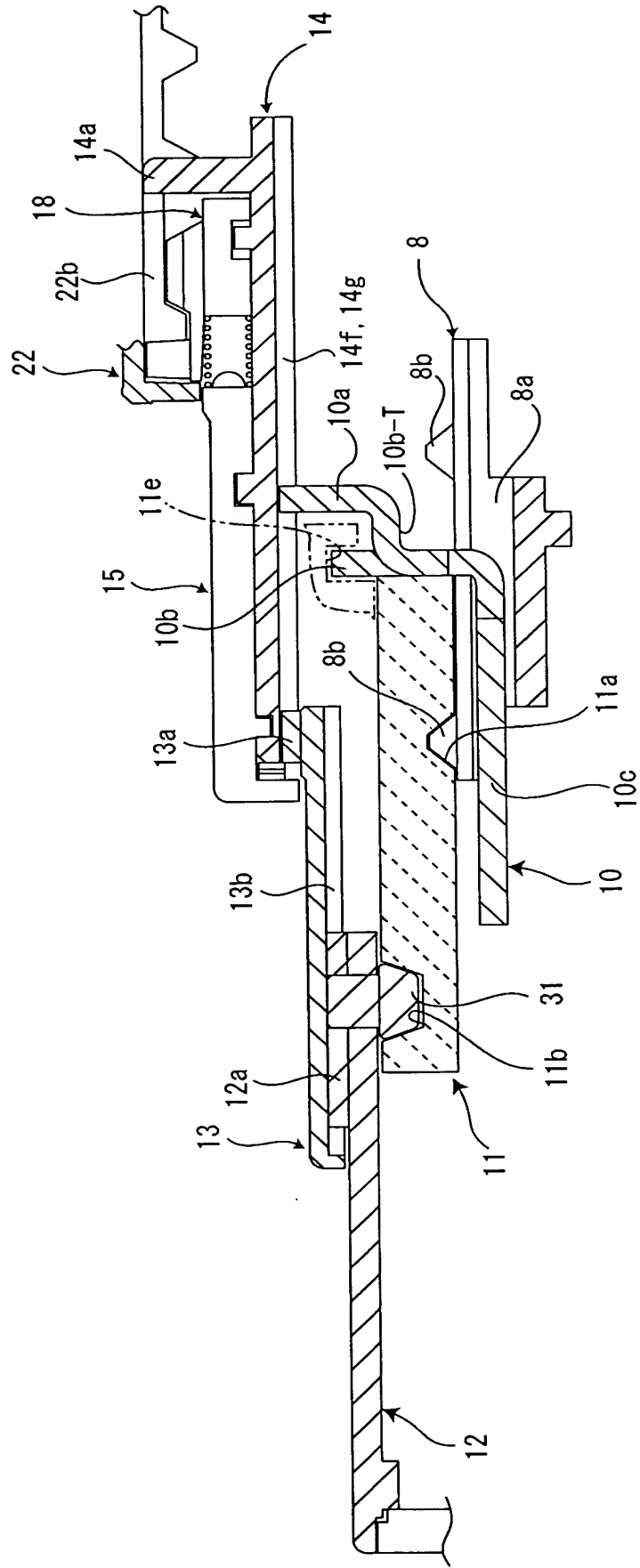
7b

15d

15

- 15

Fig. 73



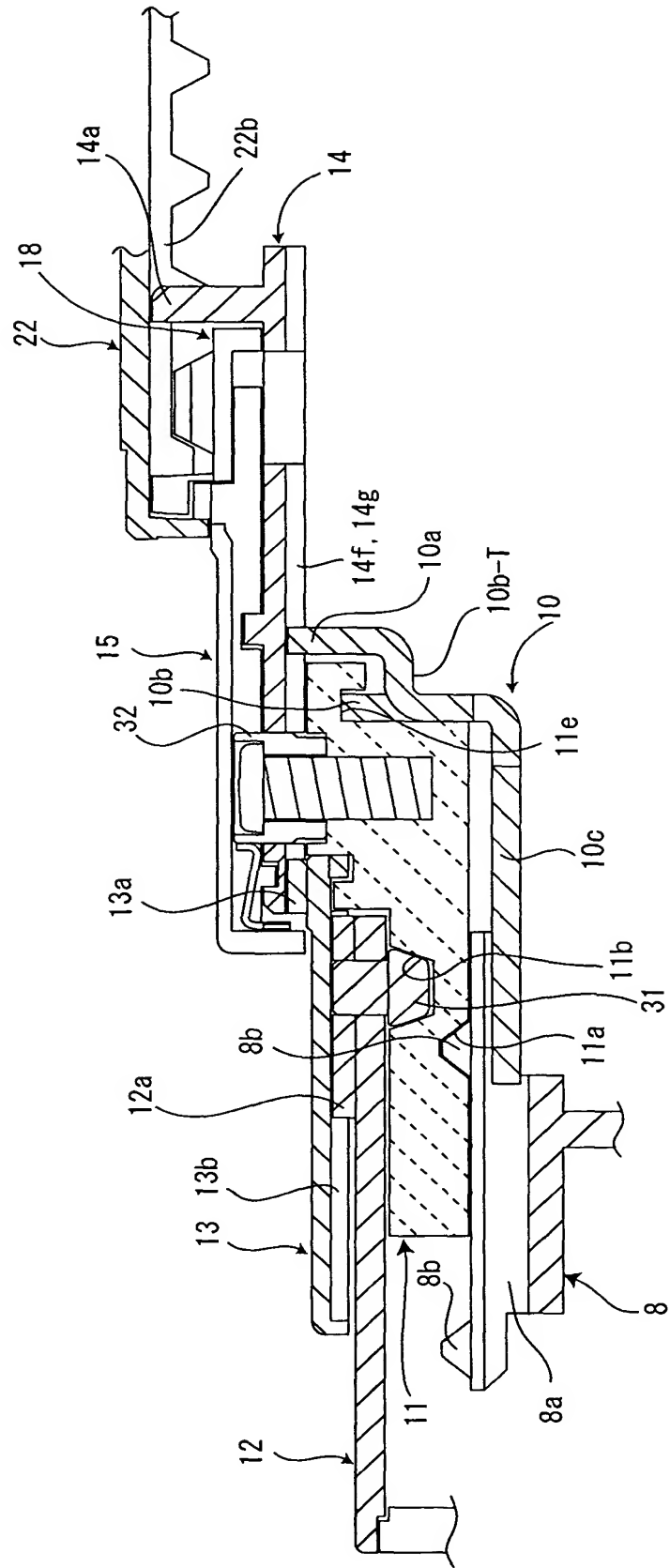


Fig. 75

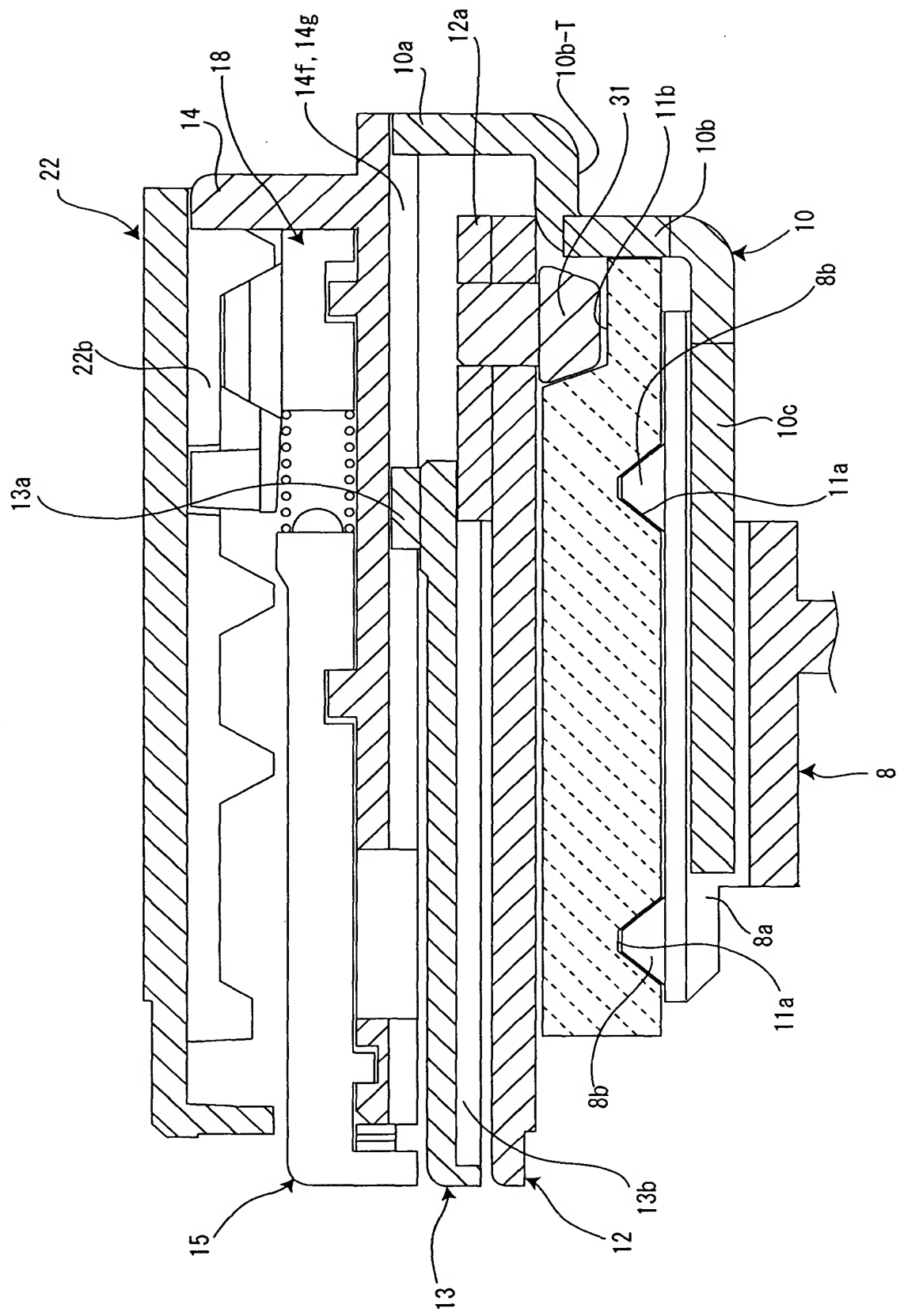


Fig. 76

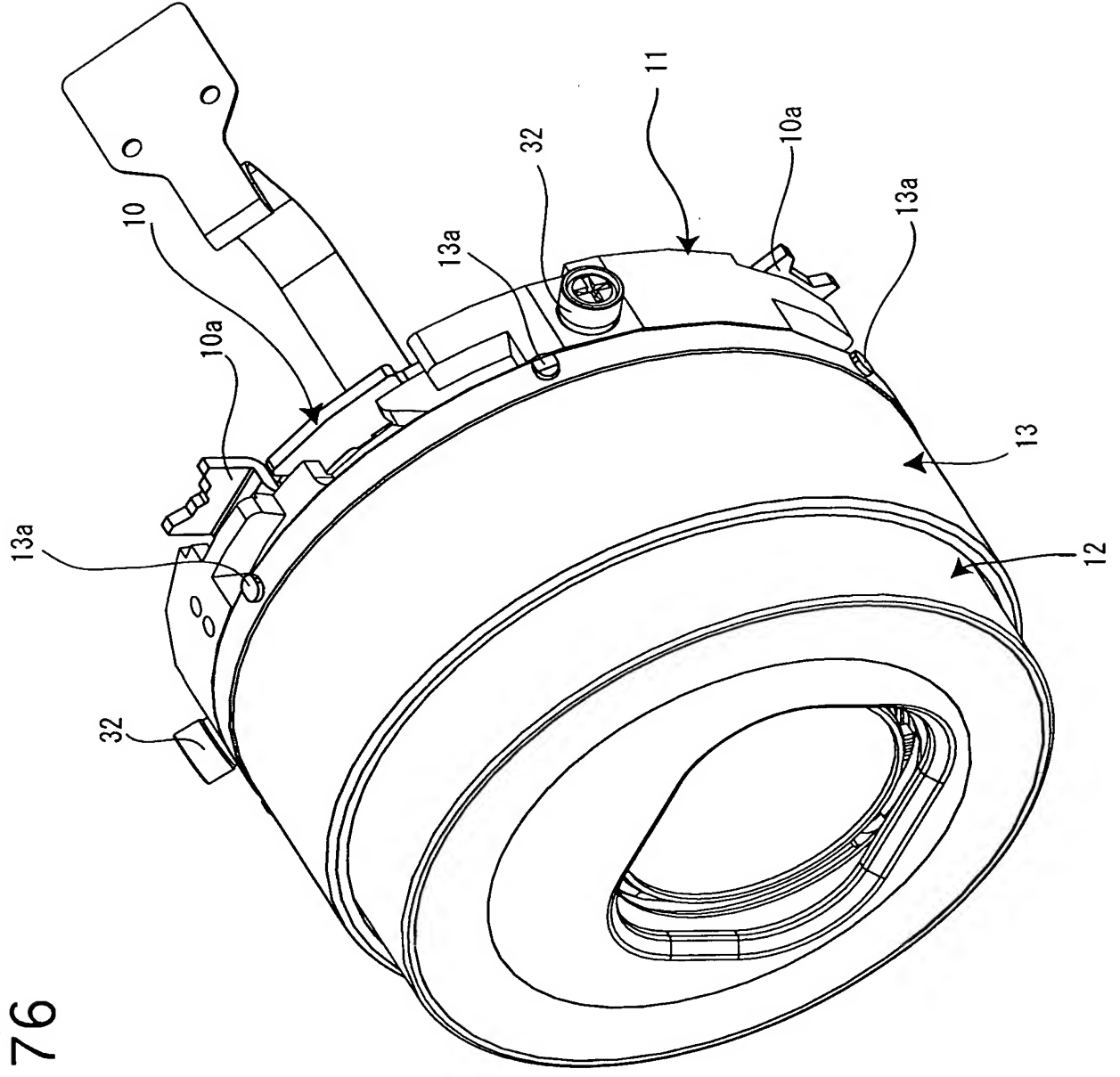


Fig. 77

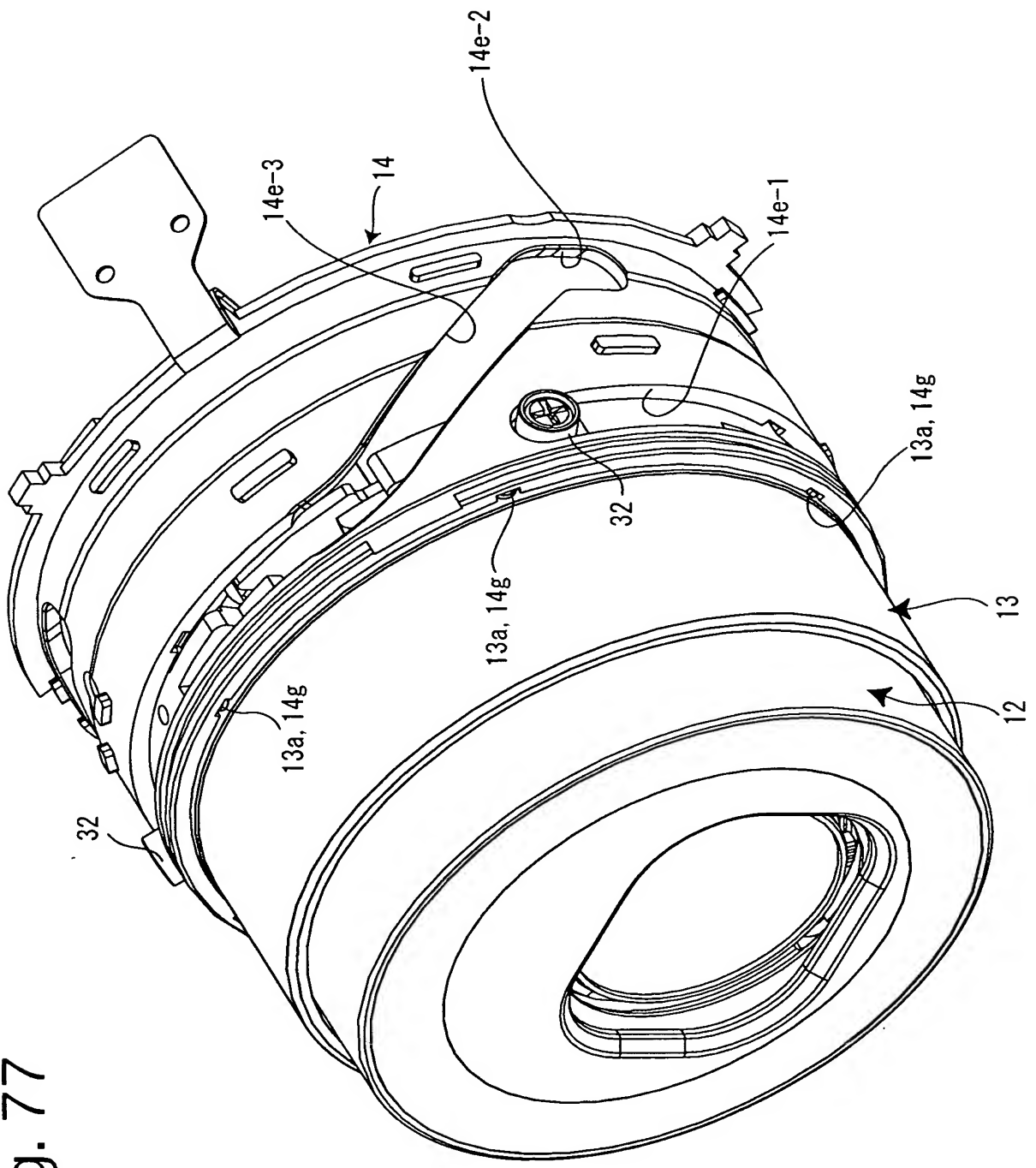


Fig. 78

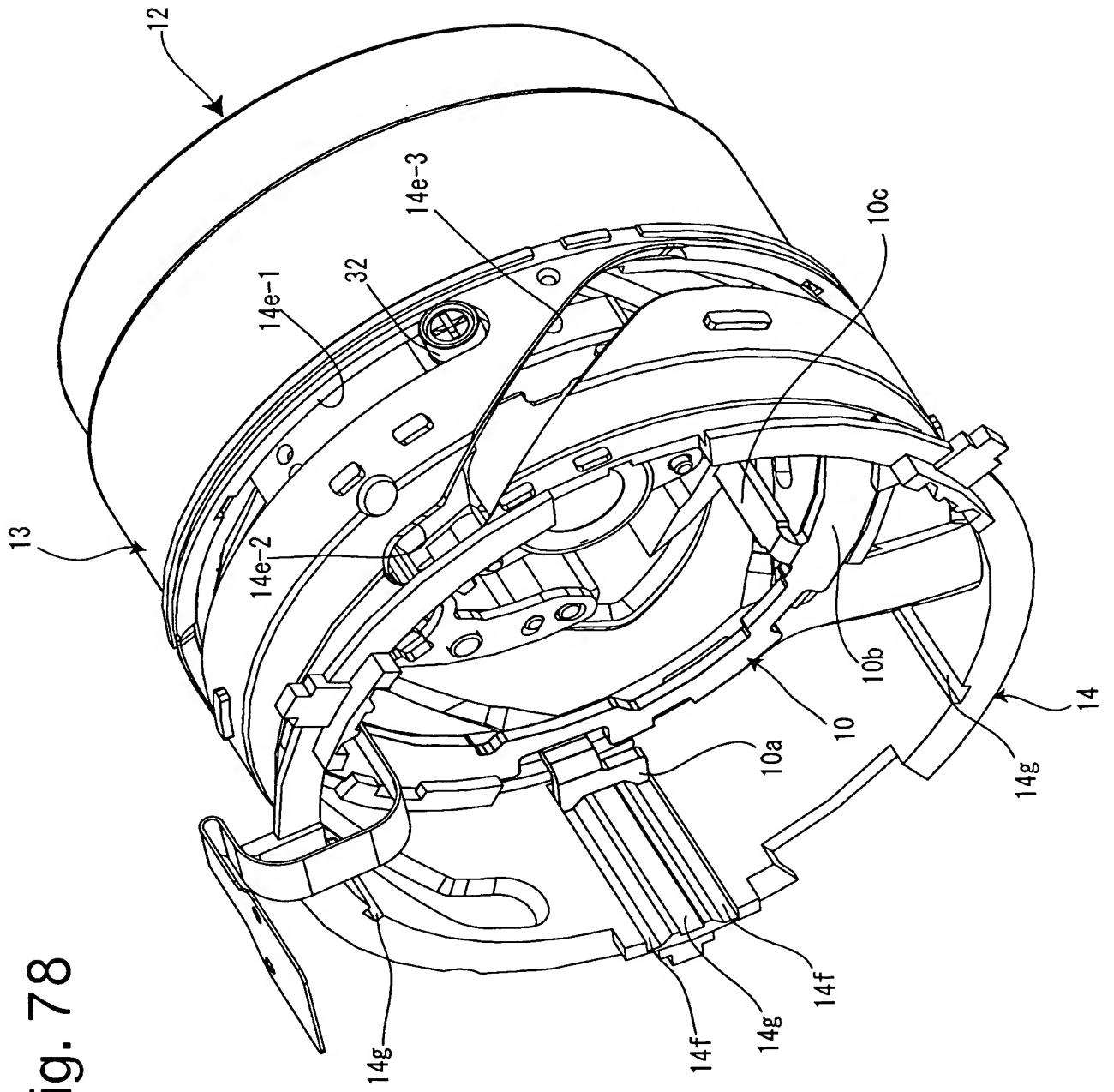




Fig . 79

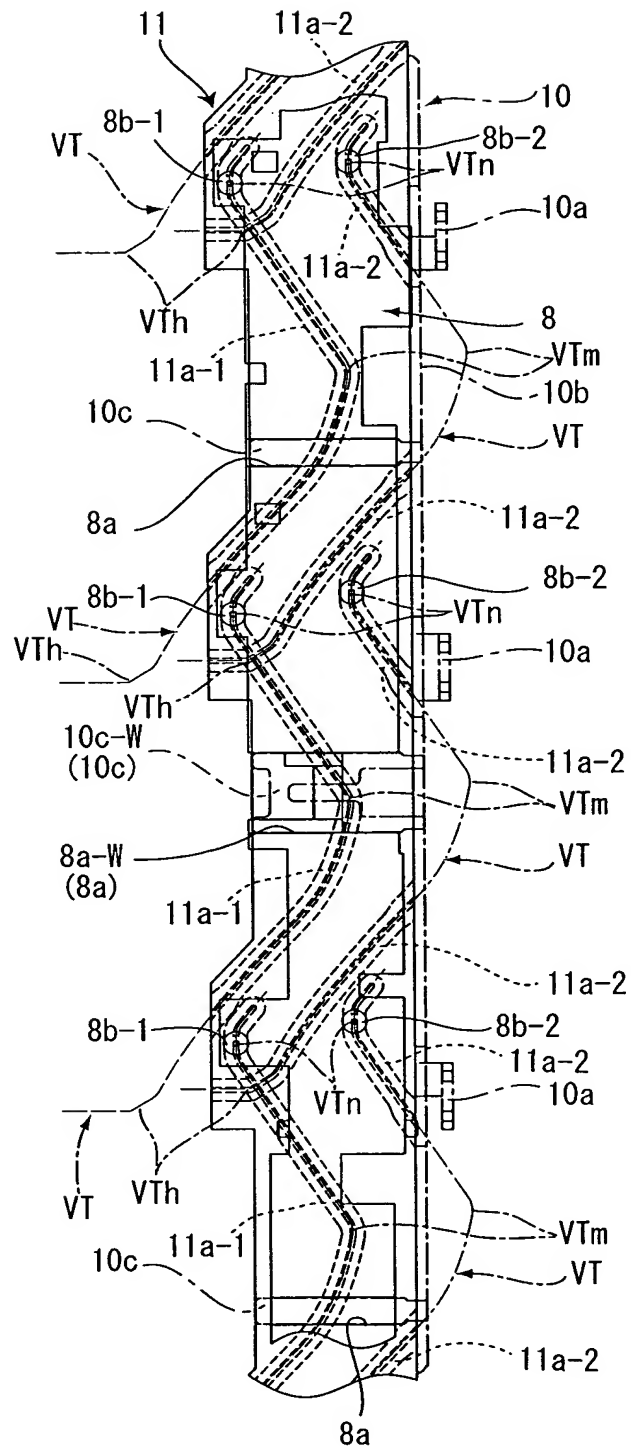


Fig . 80

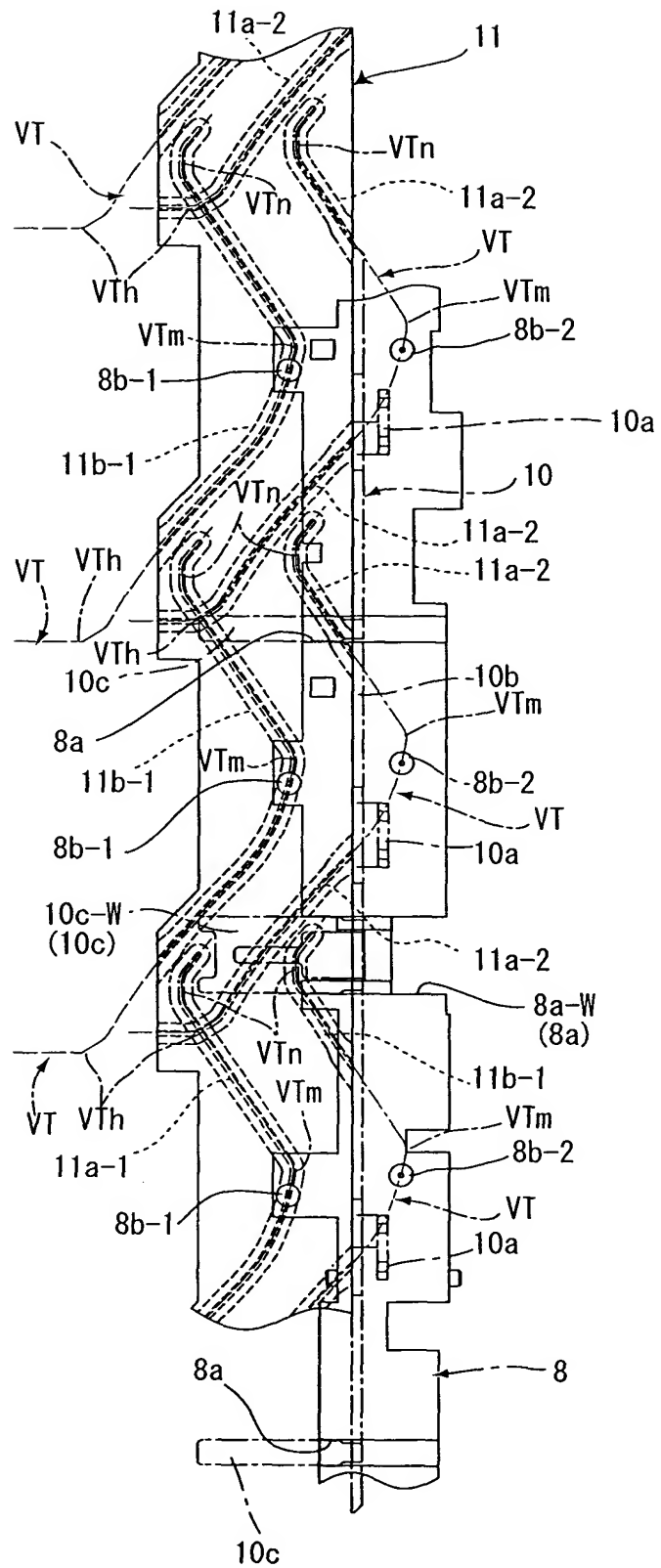


Fig. 81

11

11a-2

VTn

VT

VTm

11b-1

8b-2

8b-1

VTn

VT

VTm

10

VTn

11a-2

10a

VTm

VT

11a-1

VTm

8

10c

8b-1

VT

VTm

11a-2

VTn

11a-2

10a

VTm

VT

10c-W (10c)

8a-W (8a)

8b-1

8b-2

10b

10a

8a

10c

Fig . 82

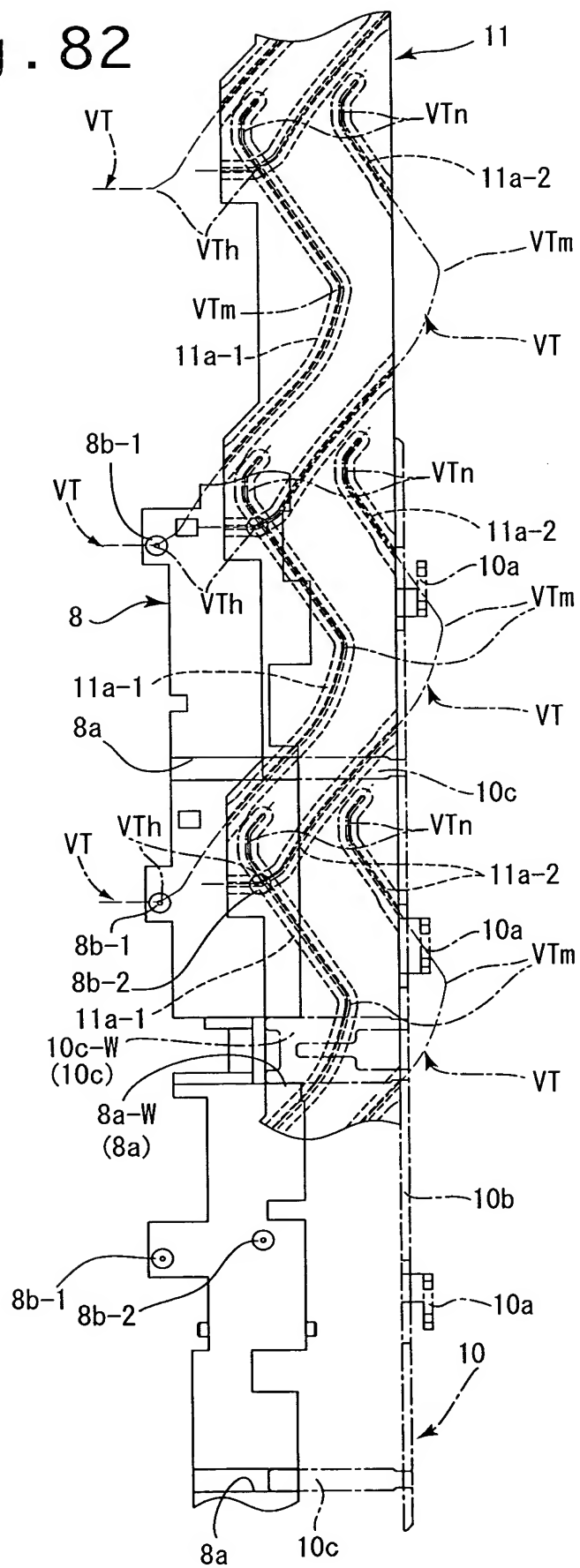
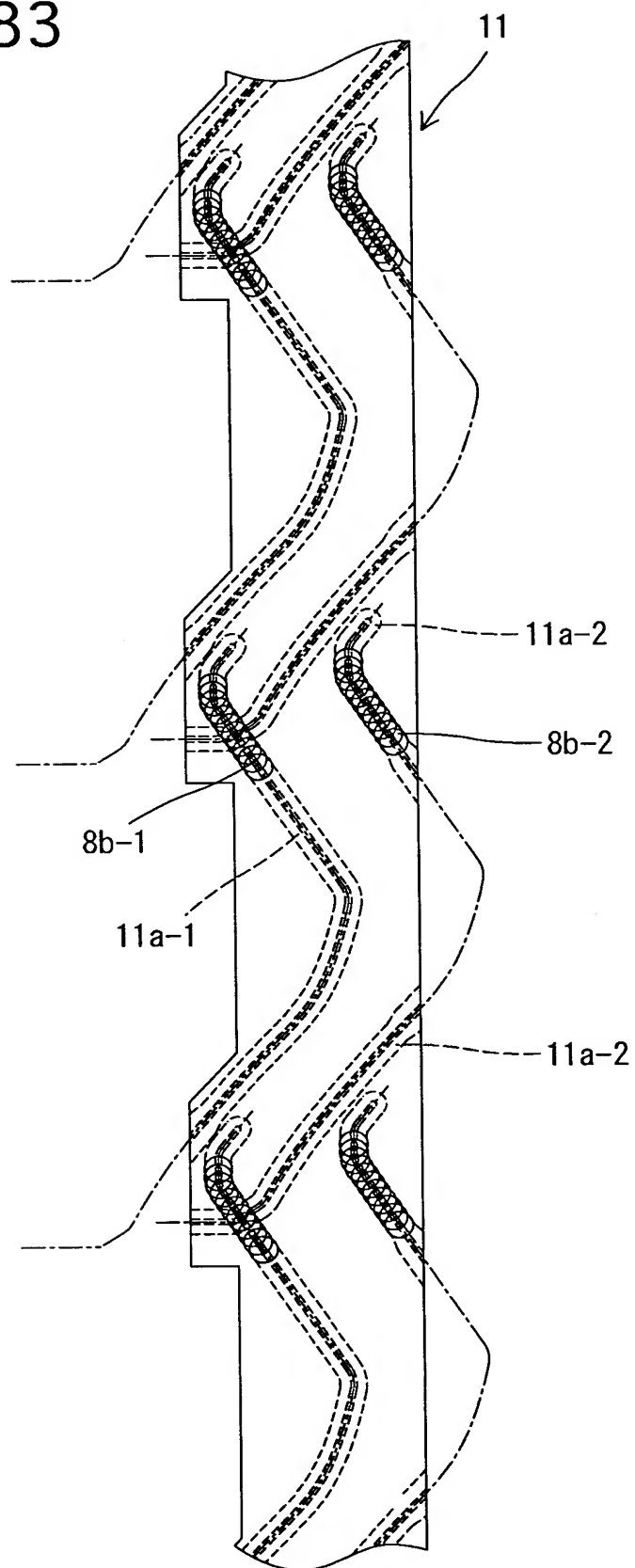


Fig. 83



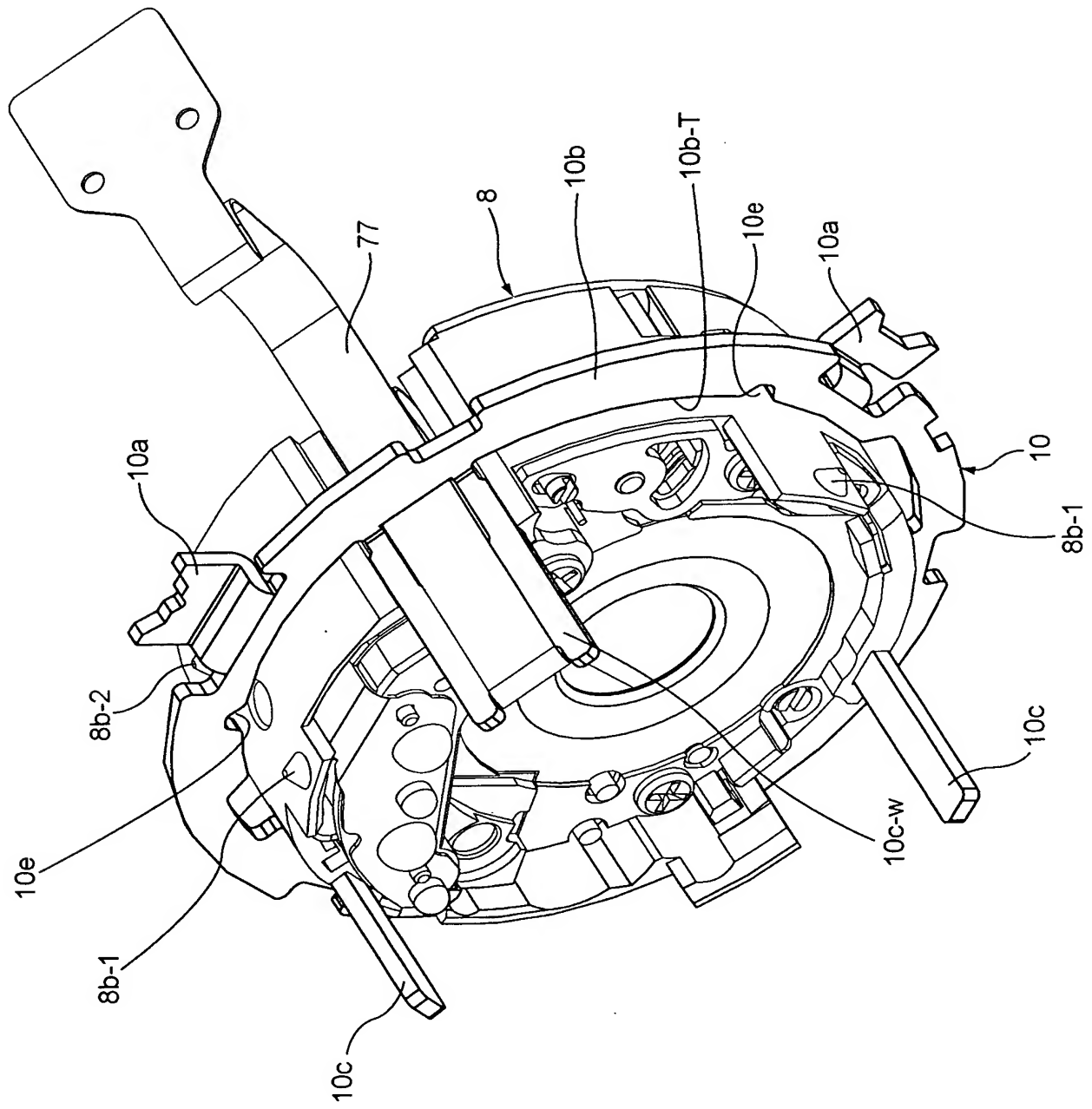


Fig. 84

Fig. 85

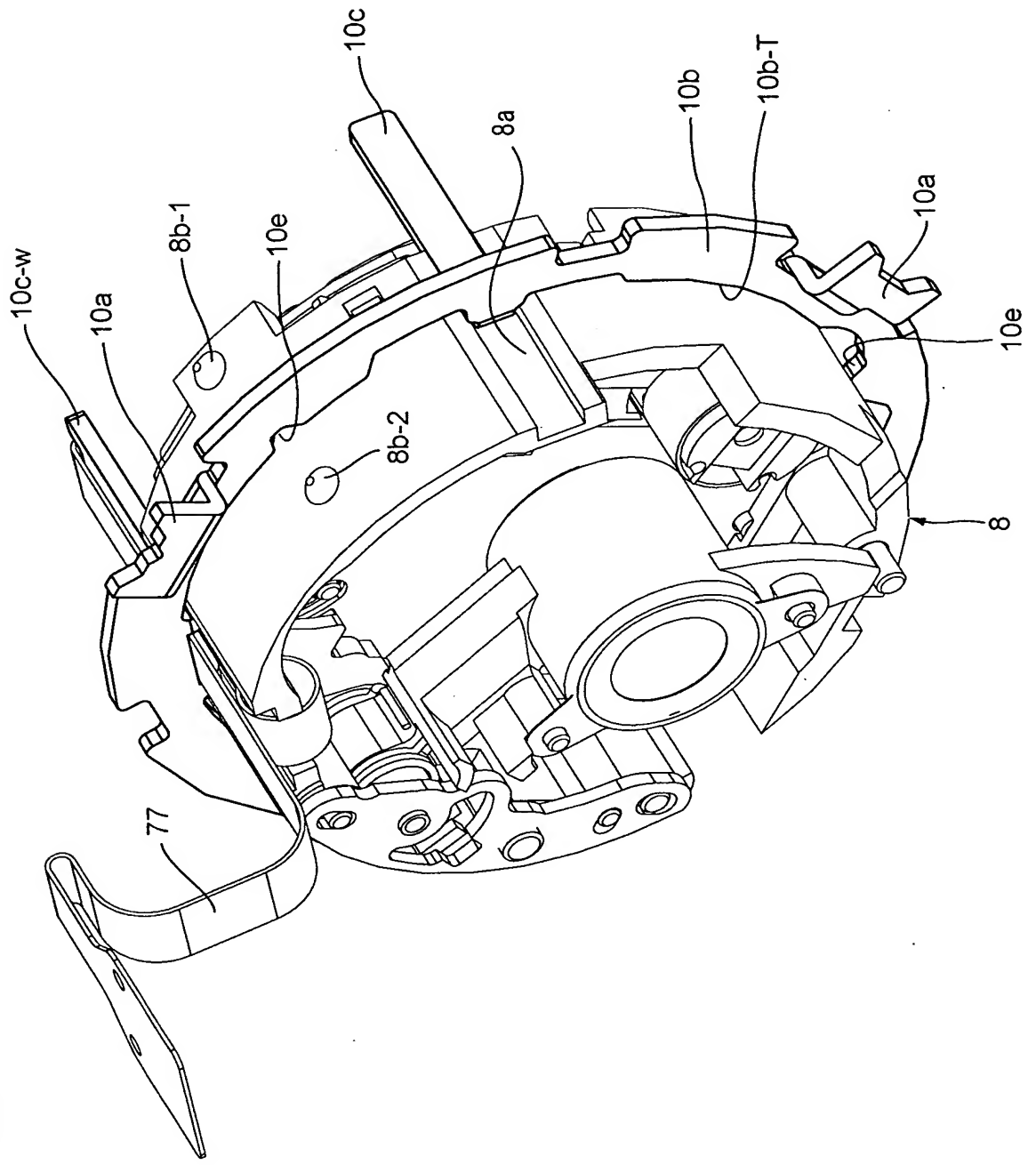


Fig. 86

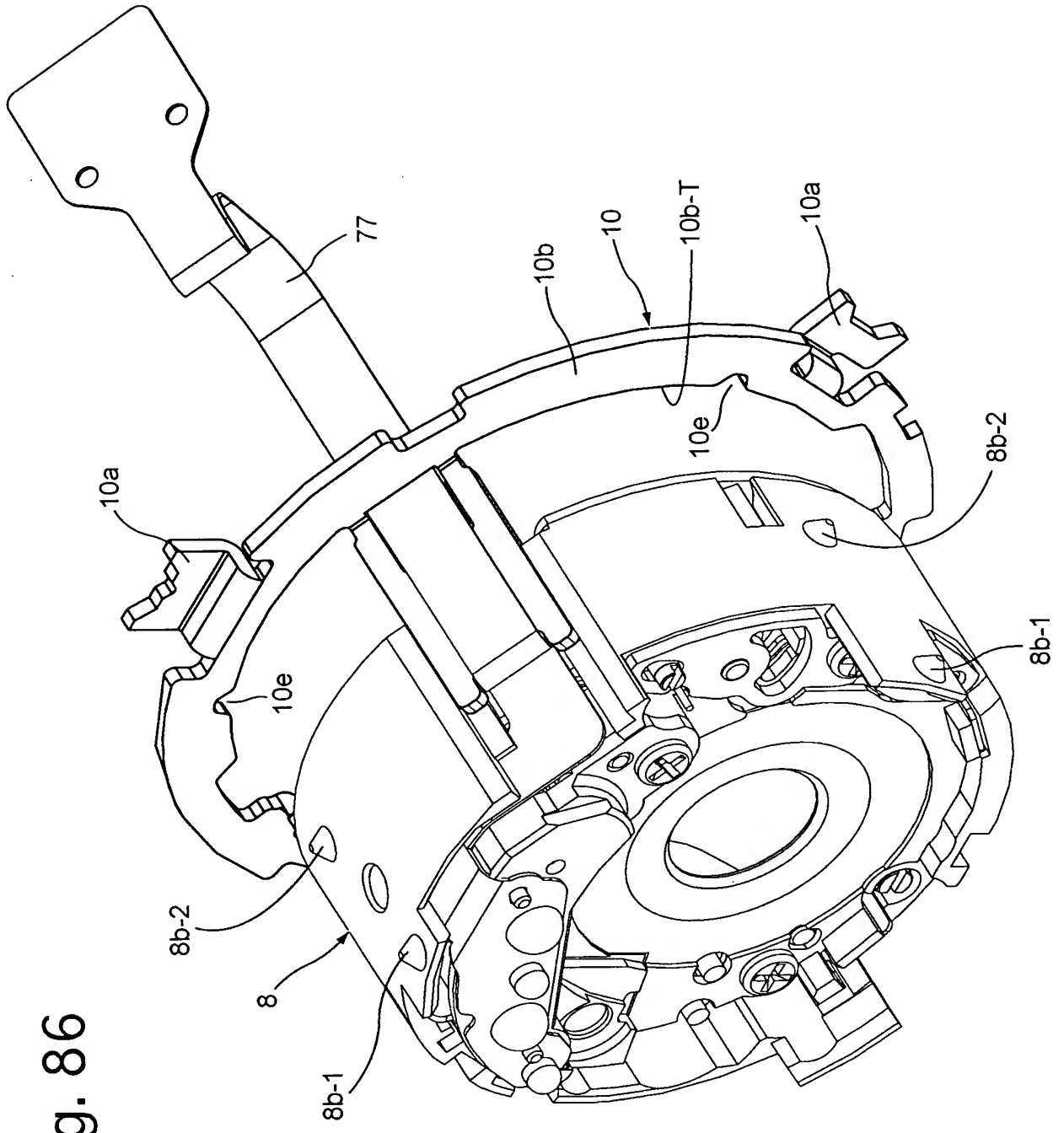




Fig. 87

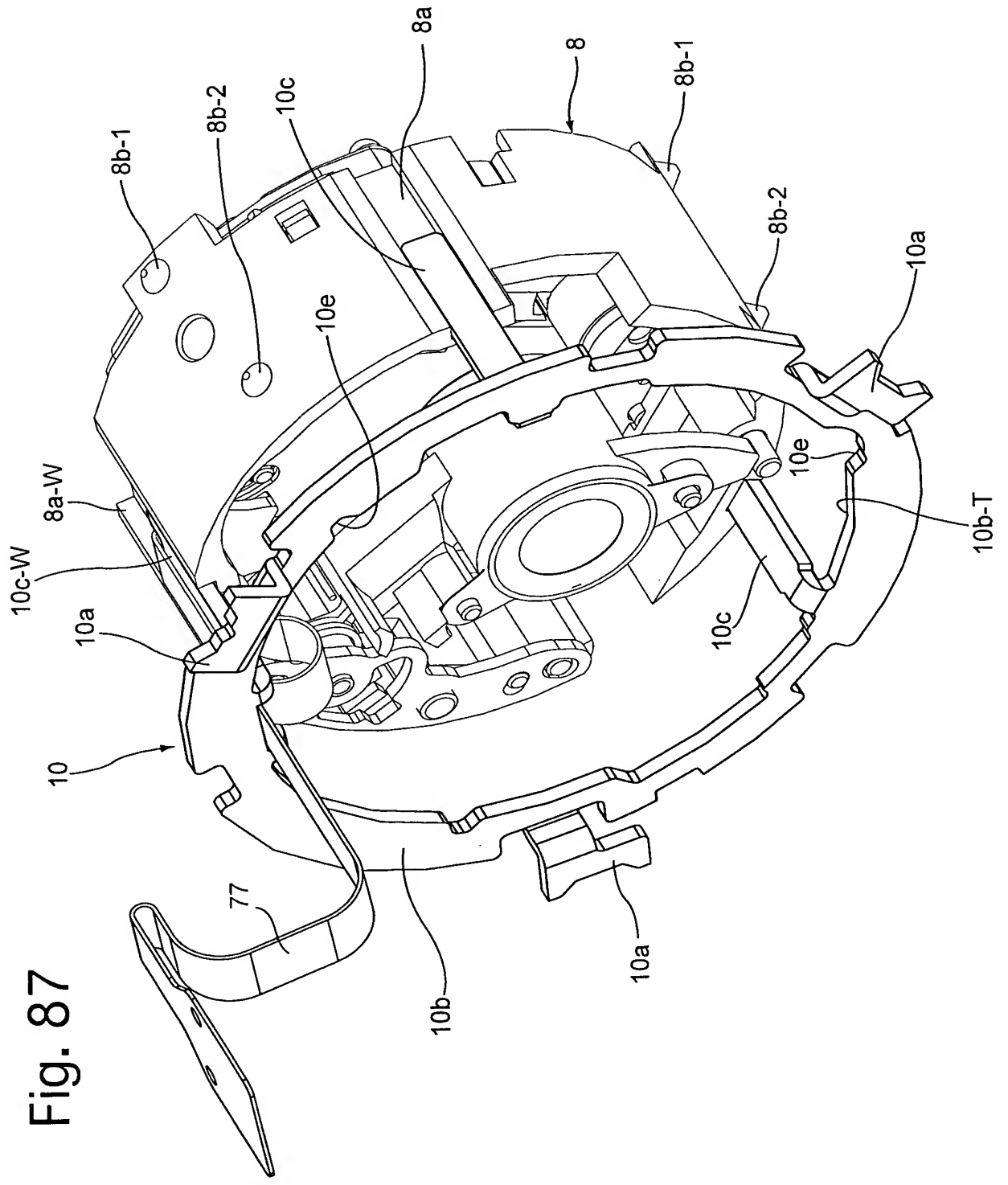


Fig. 88

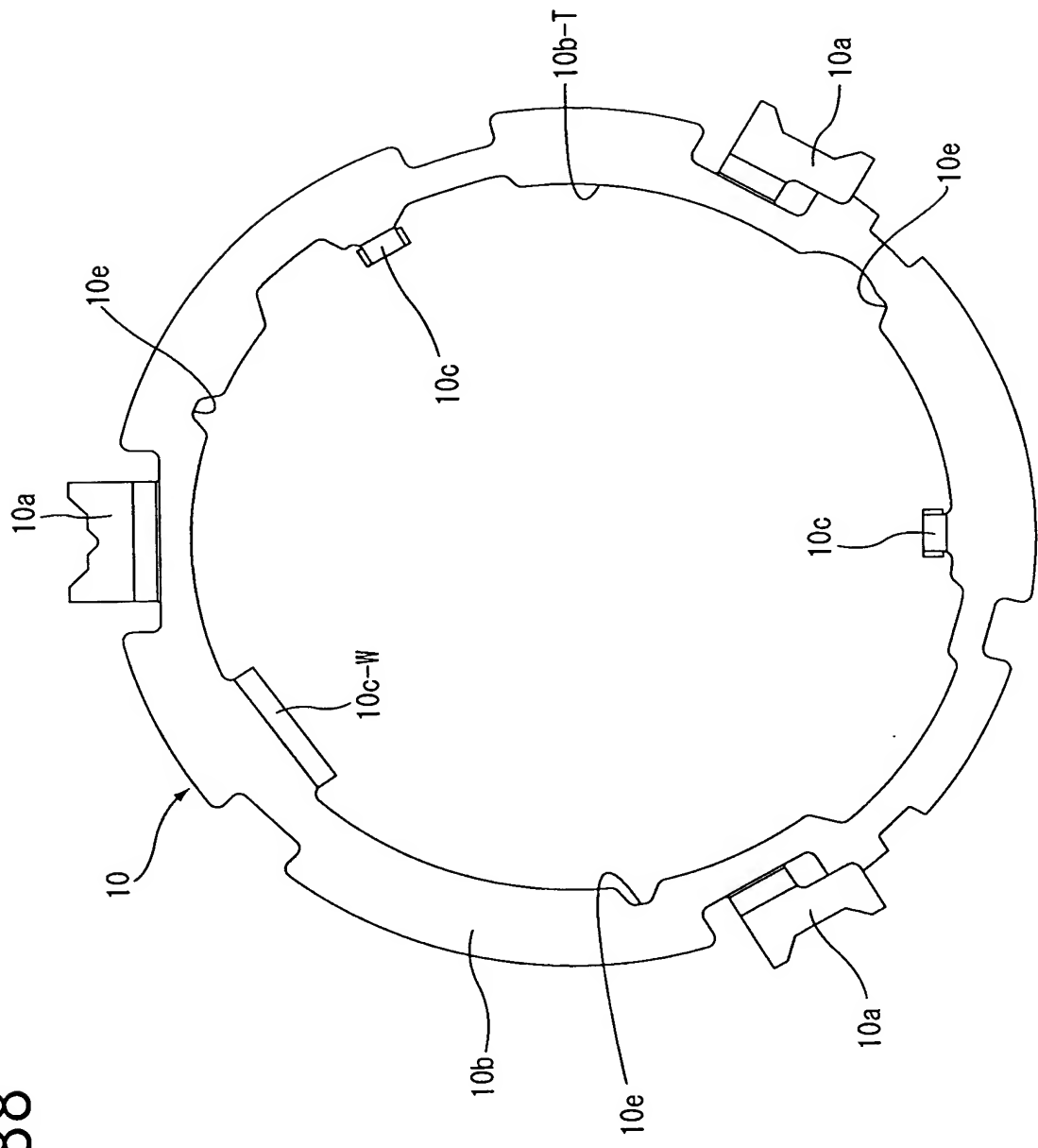


Fig. 89

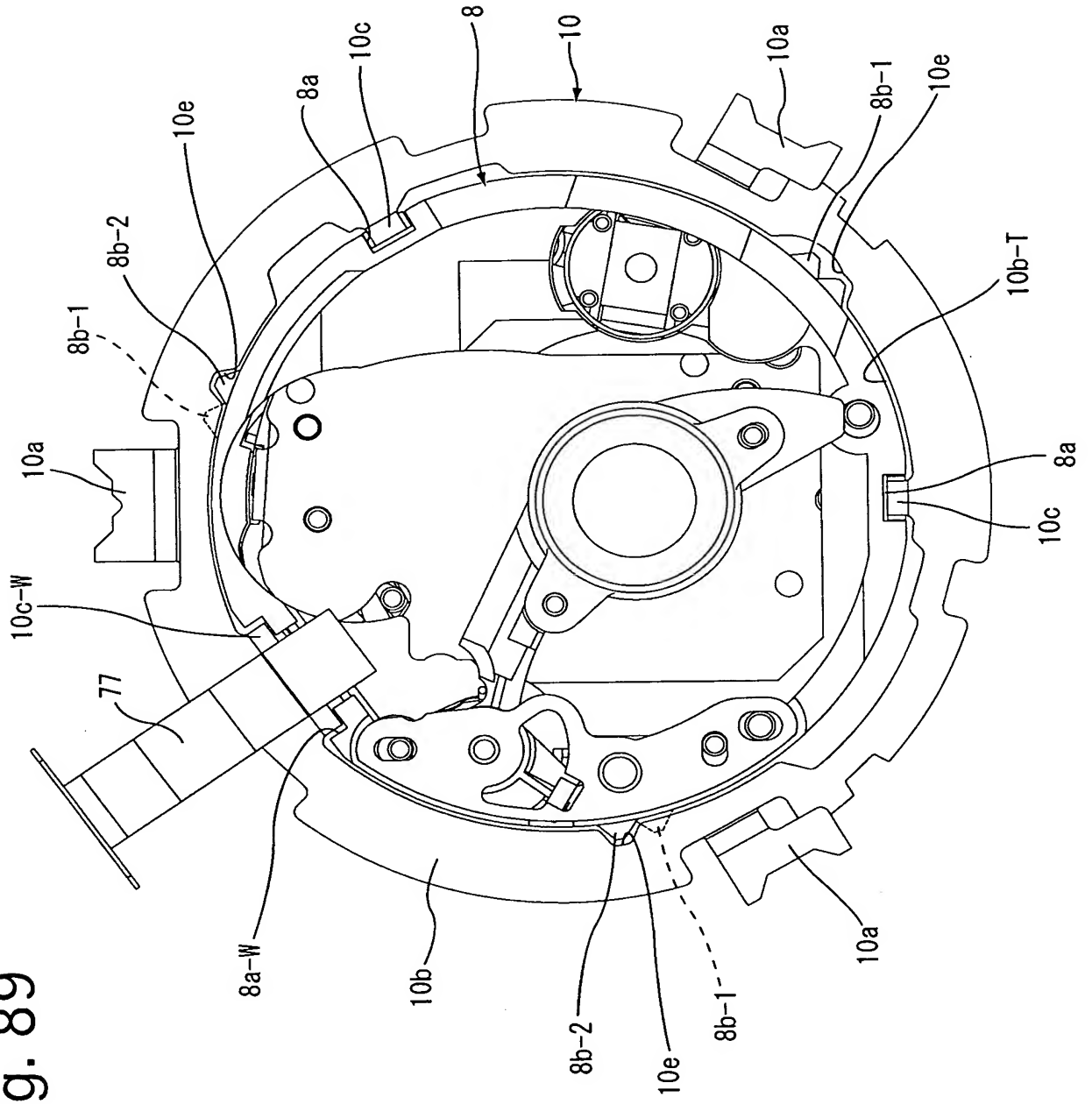


Fig. 90

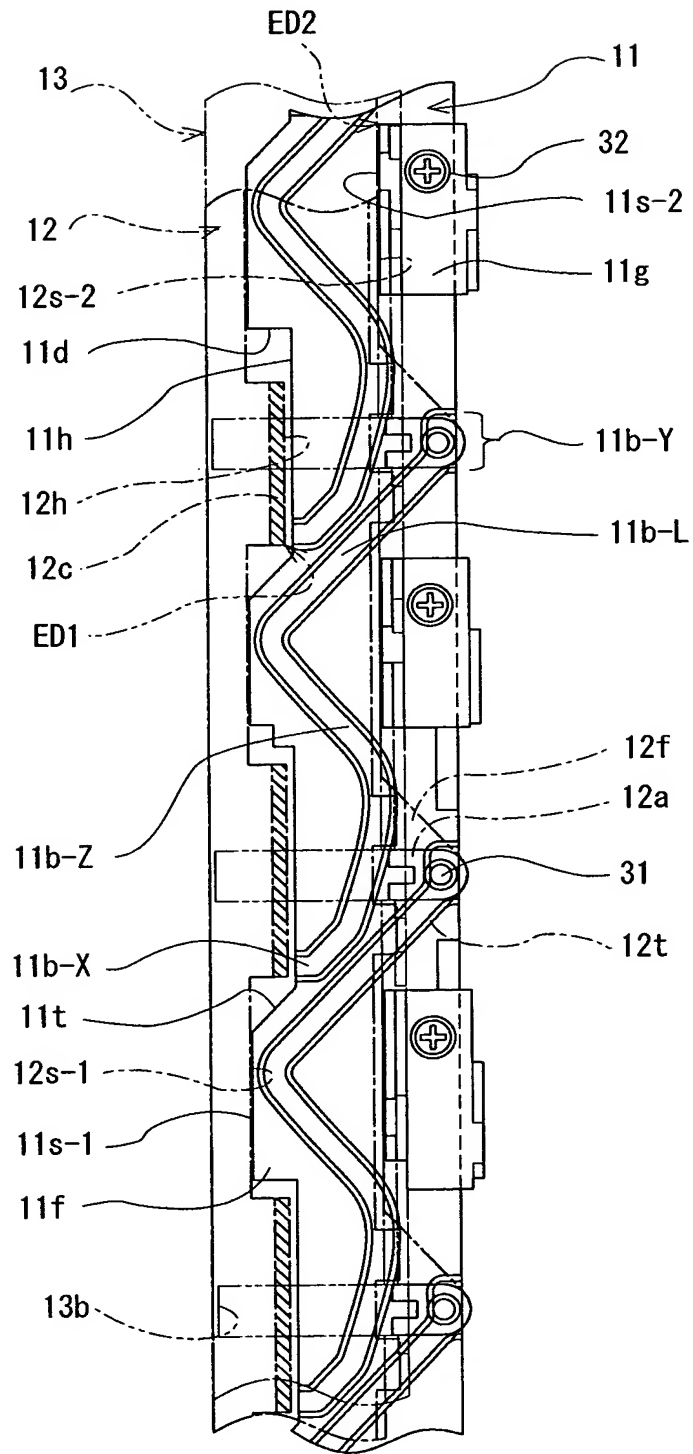


Fig. 91

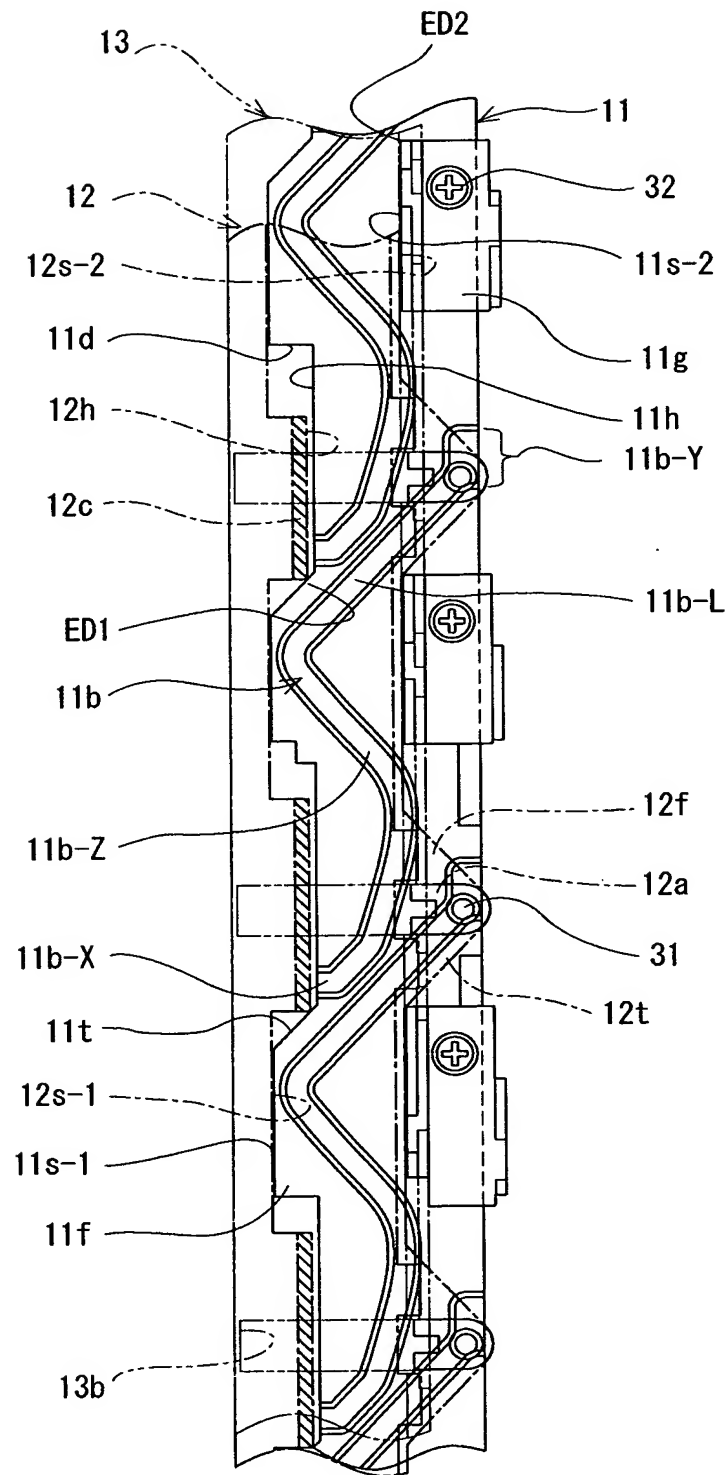


Fig. 92

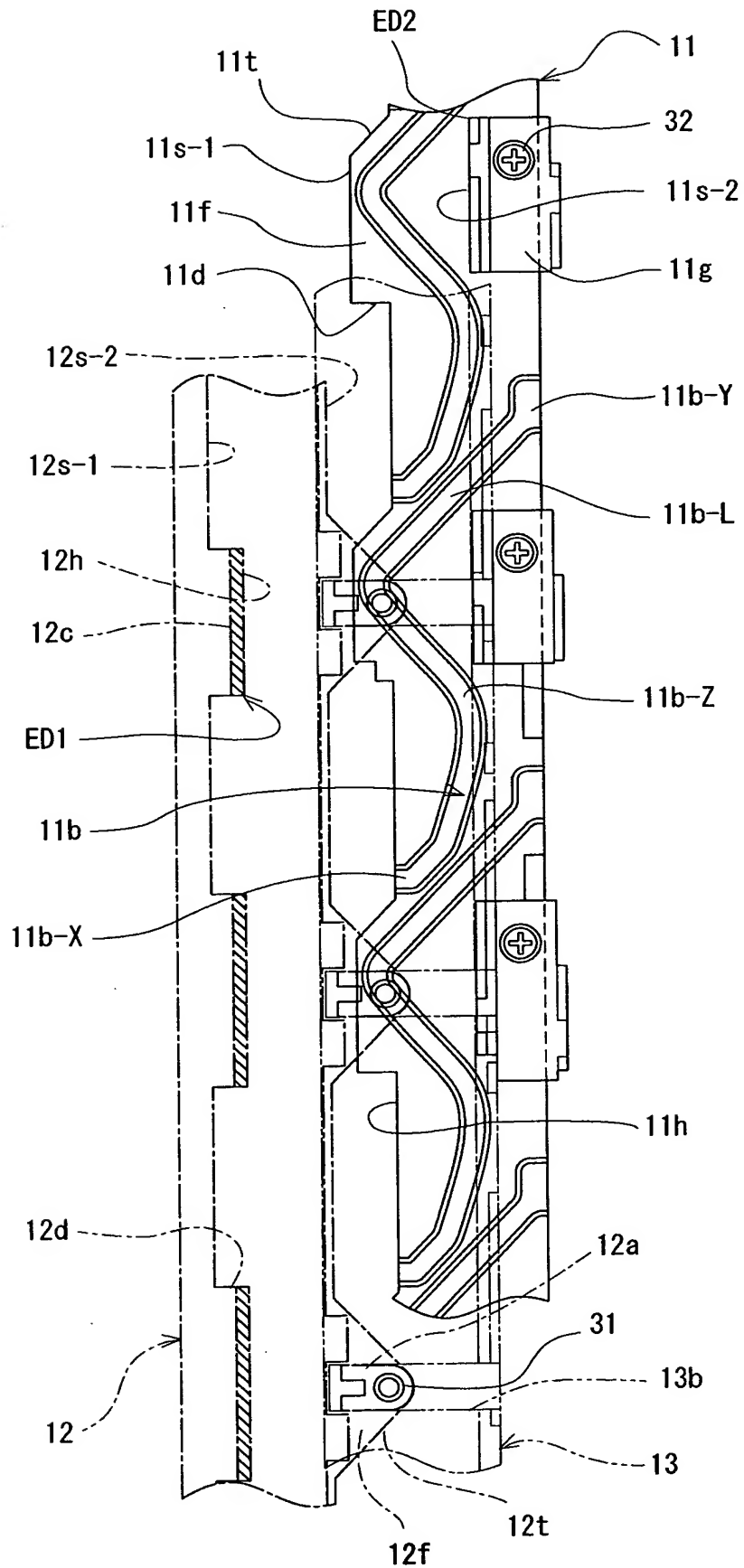


Fig. 93

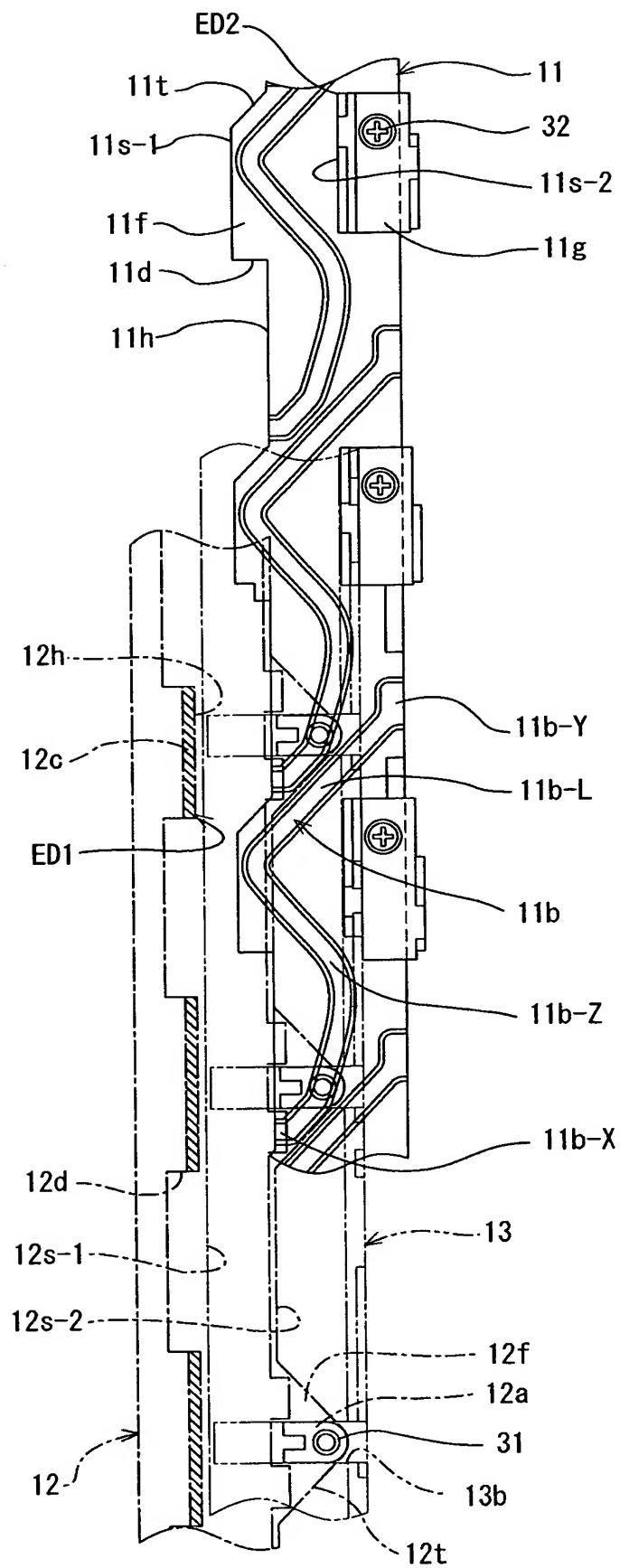


Fig. 94

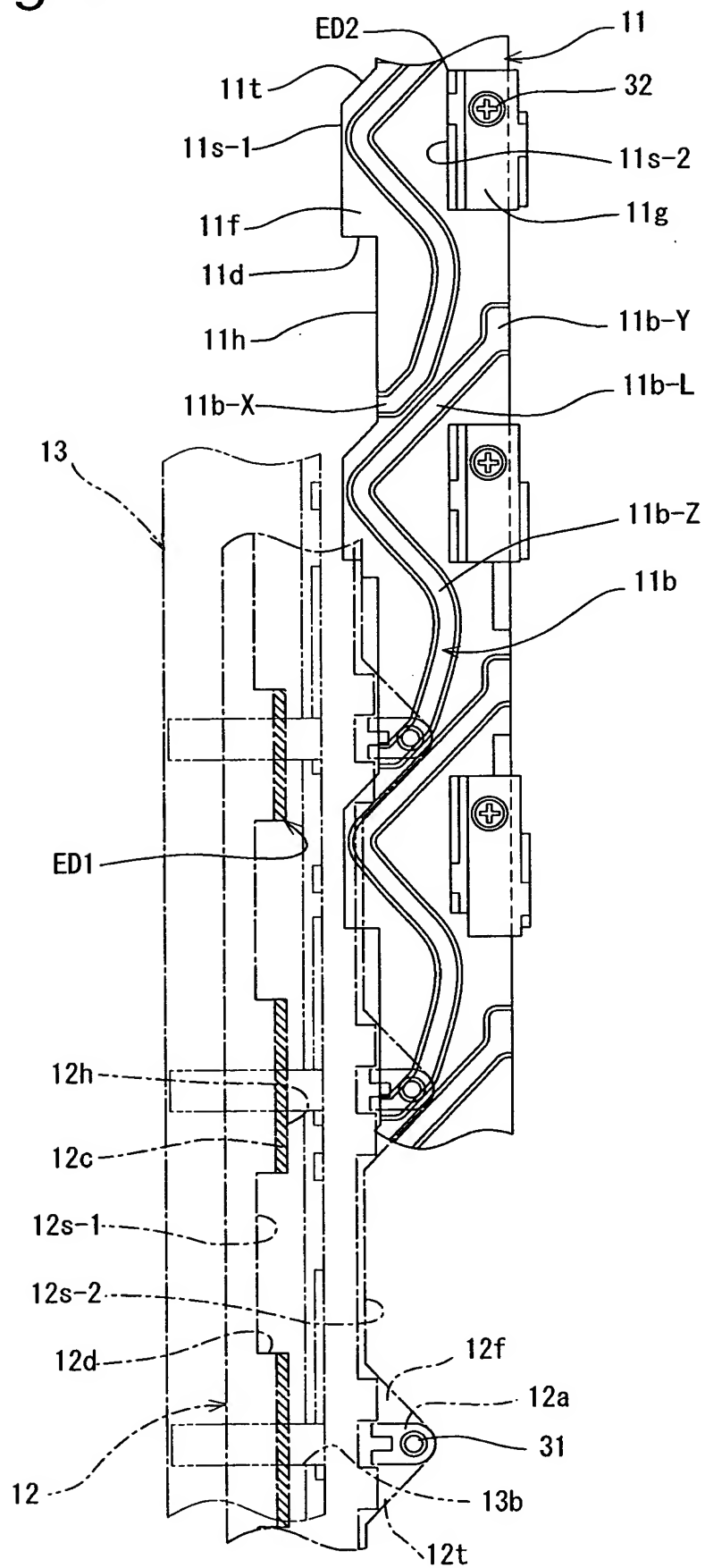
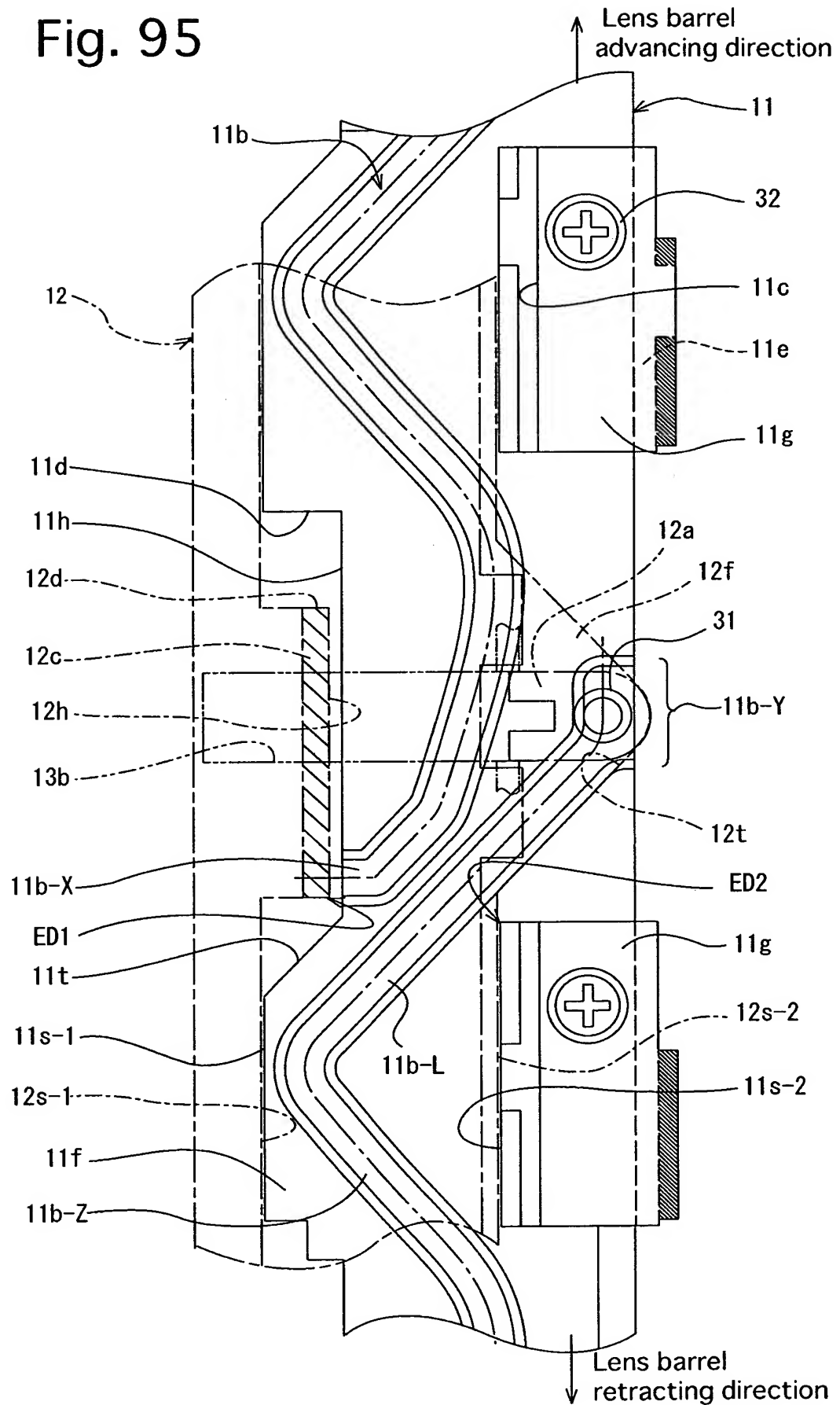




Fig. 95



**Fig. 96**

Fig. 96 is a detailed cross-sectional view of a lens barrel assembly in a retracted state. The diagram shows a lens barrel 11 with internal components including a lens 12, a diaphragm 13, and various mechanical parts like 11b, 11c, 11d, 11e, 11f, 11g, 11h, 11s-1, 11s-2, 11t, 11b-X, 11b-Y, 11b-Z, 11b-L, 12a, 12c, 12d, 12f, 12s-1, 12s-2, 12t, 13b, ED1, and ED2. Arrows indicate the 'Lens barrel advancing direction' (upward) and 'Lens barrel retracting direction' (downward). The lens 12 is shown in a retracted position, and the diaphragm 13 is in a closed position. The lens barrel 11 has a central axis of symmetry.

Lens barrel  
advancing direction

Lens barrel  
retracting direction

Fig. 97

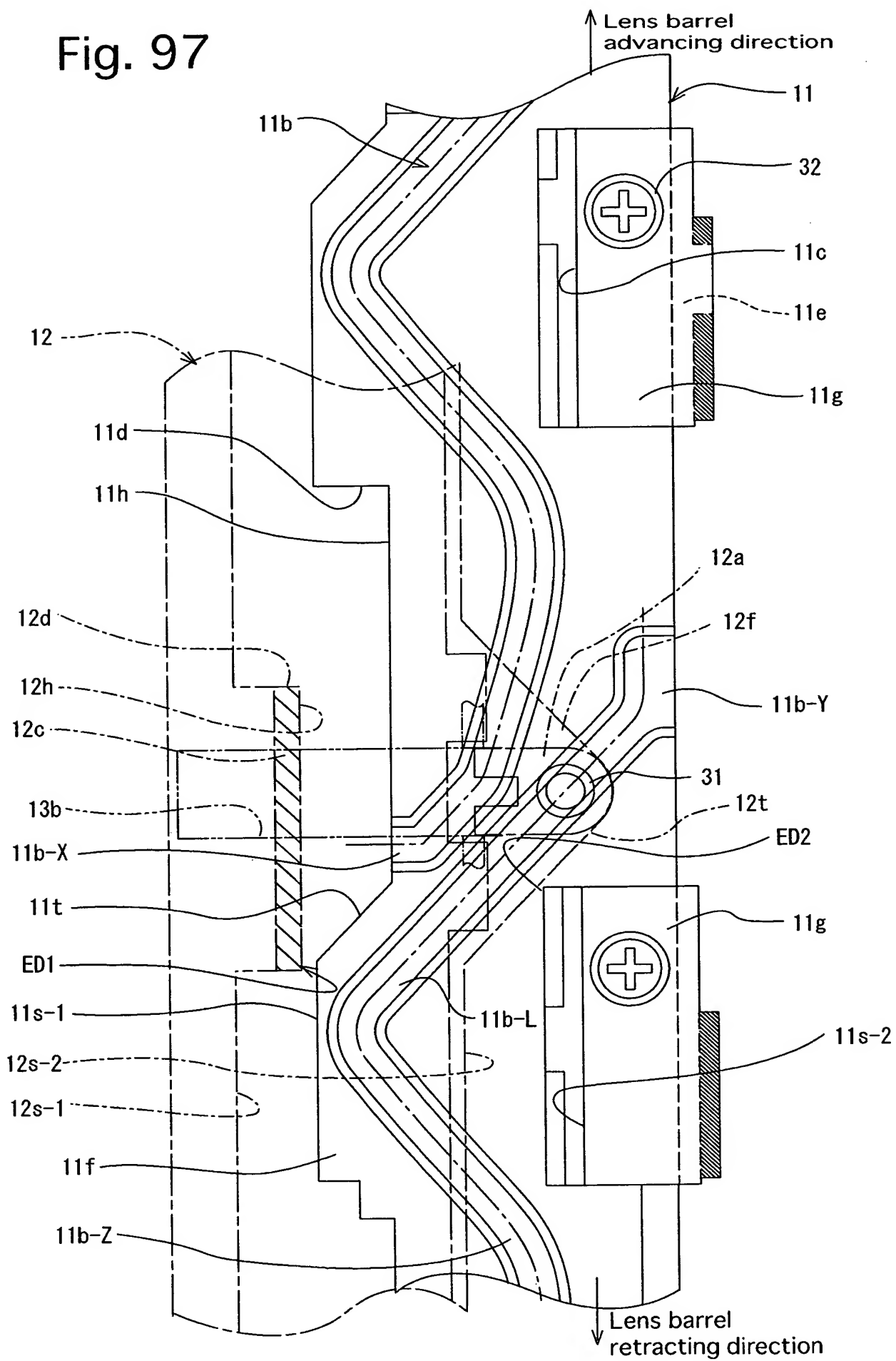


Fig. 98

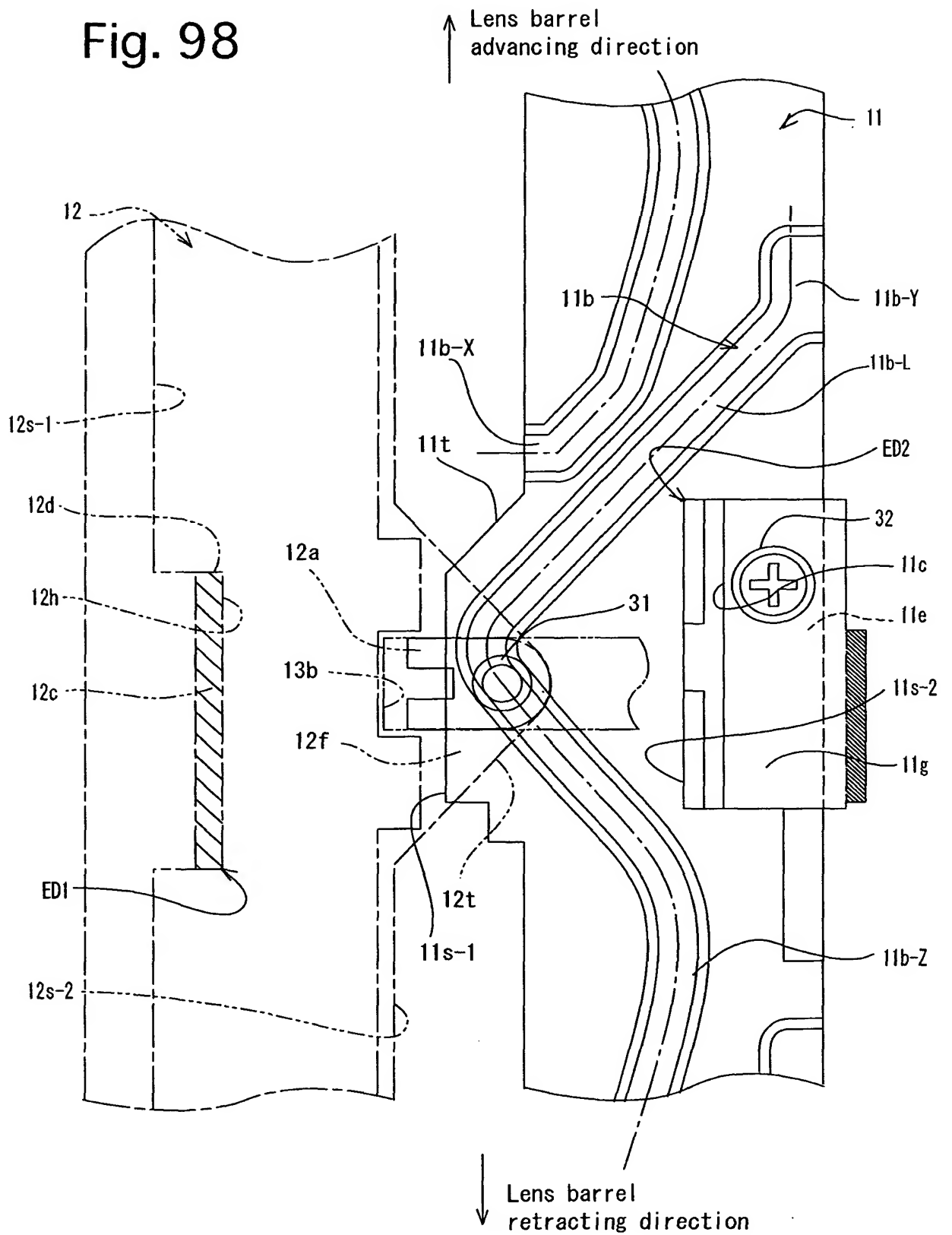


Fig. 99

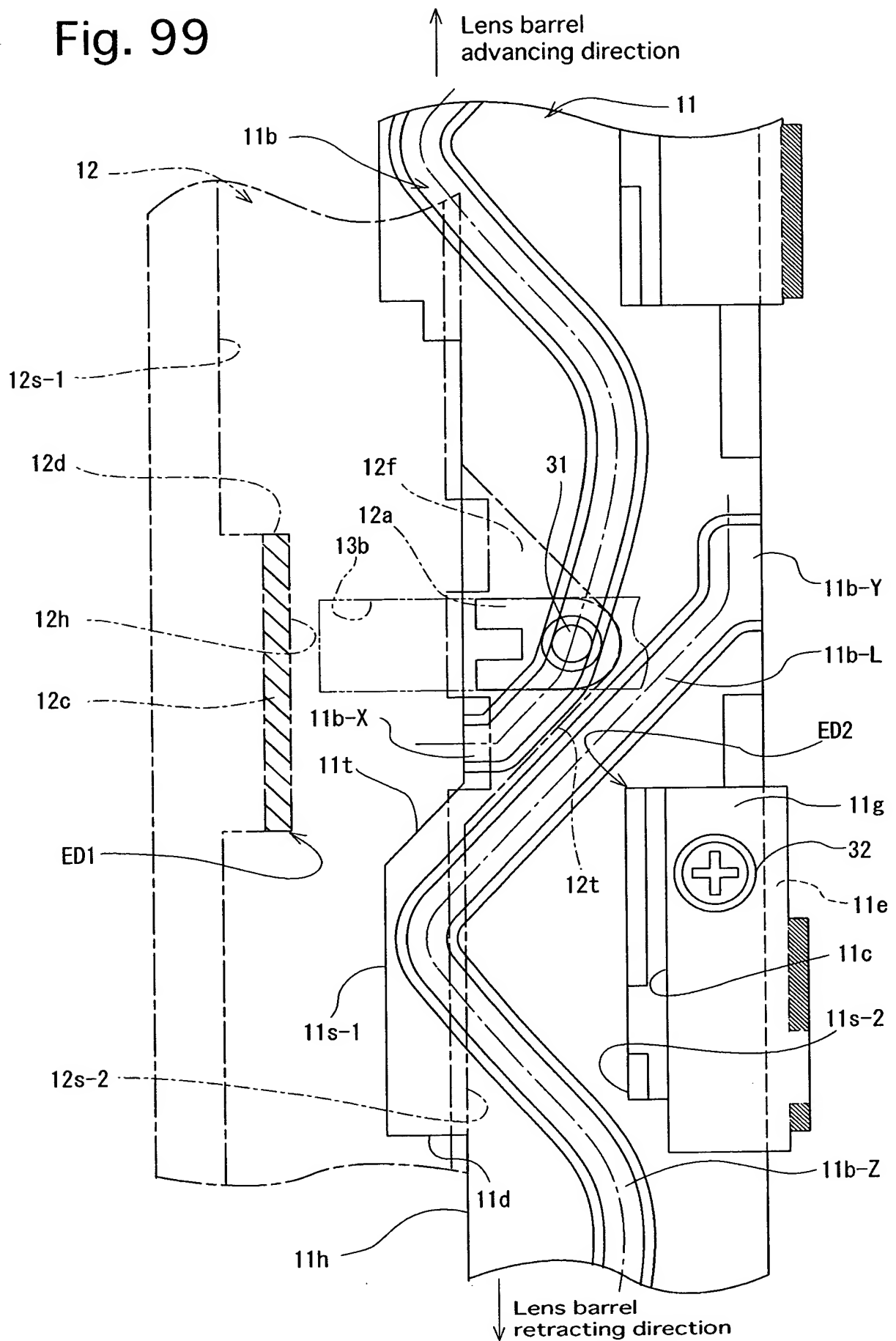


Fig. 100

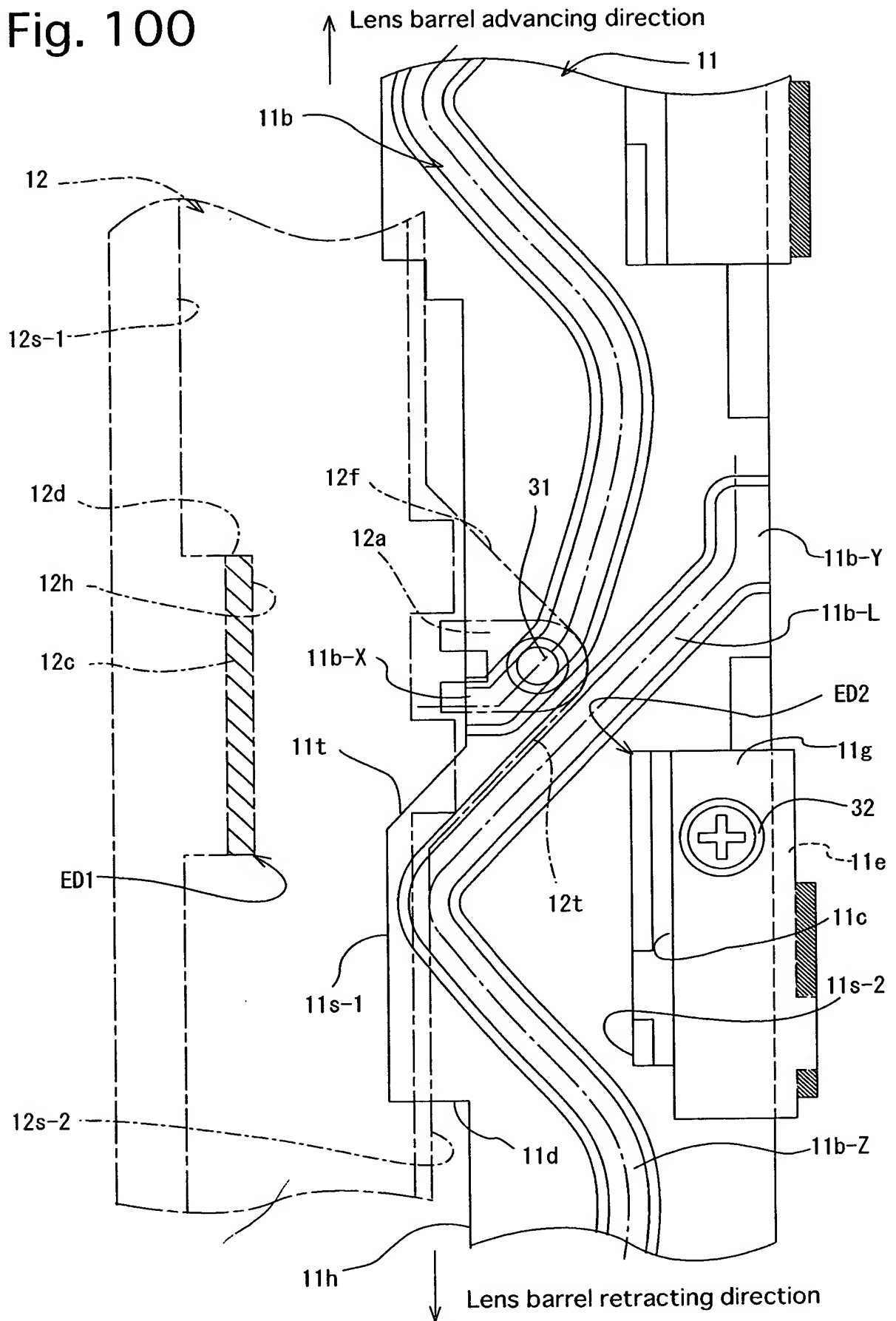


Fig. 101

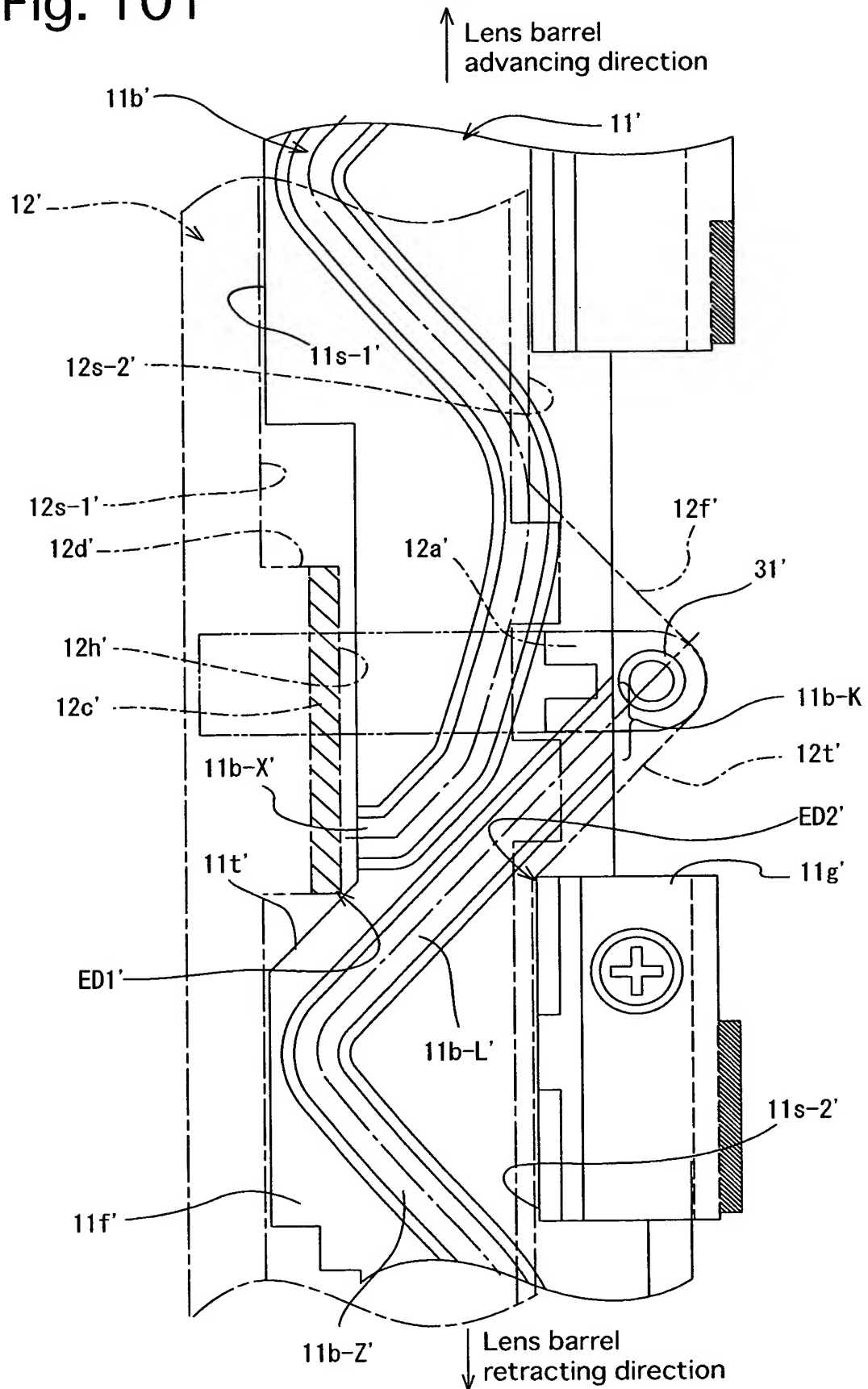


Fig. 102

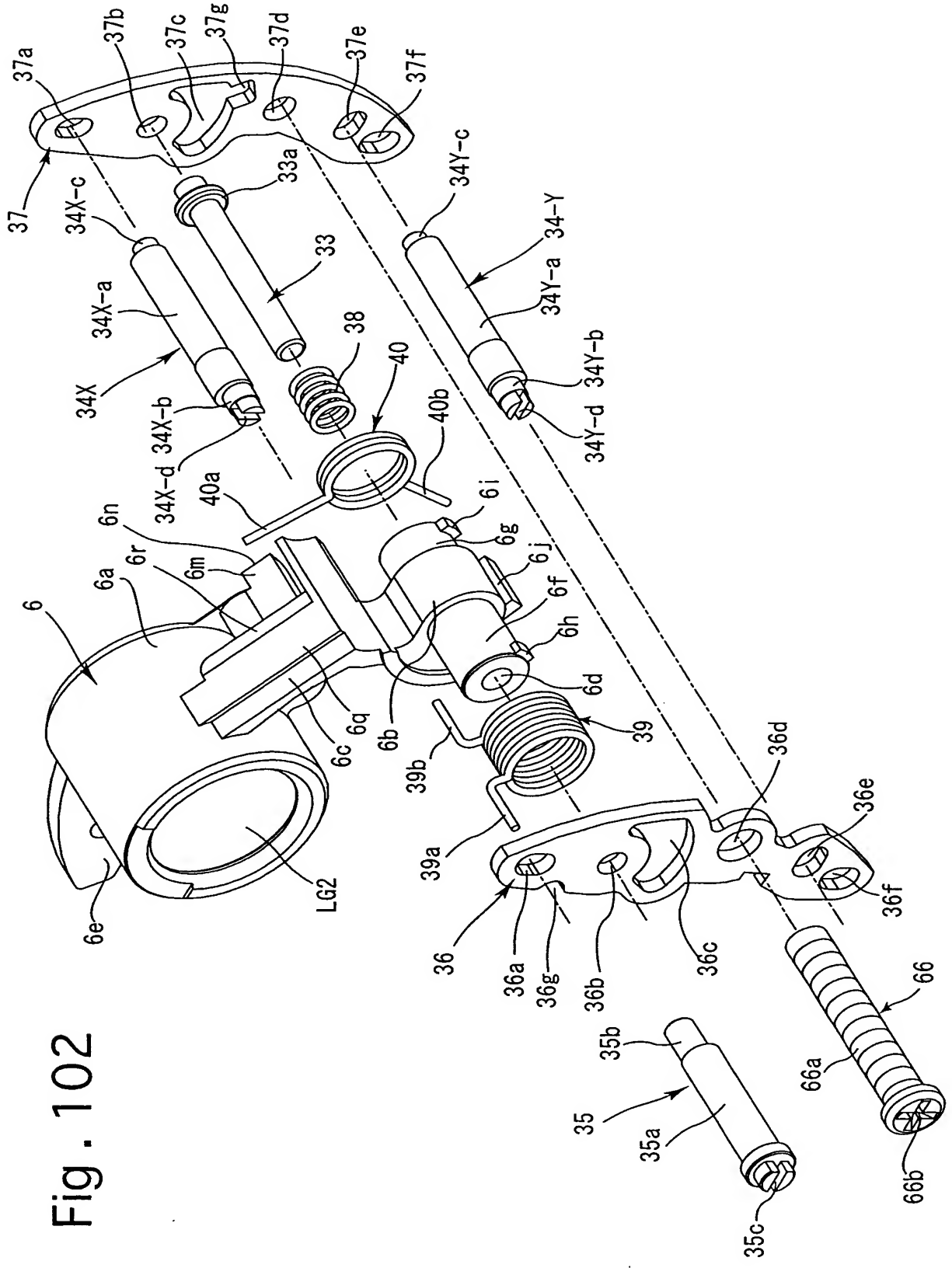
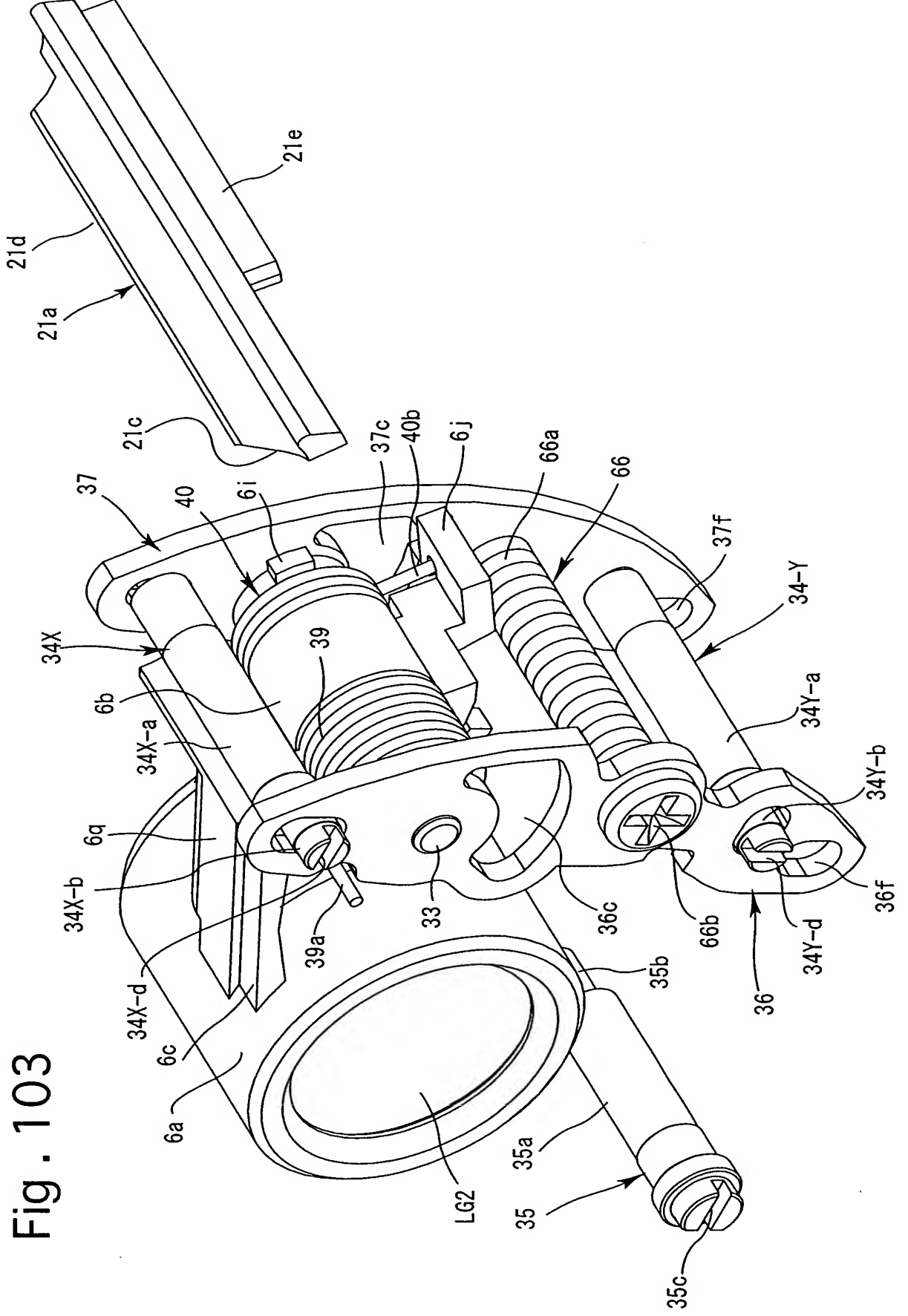
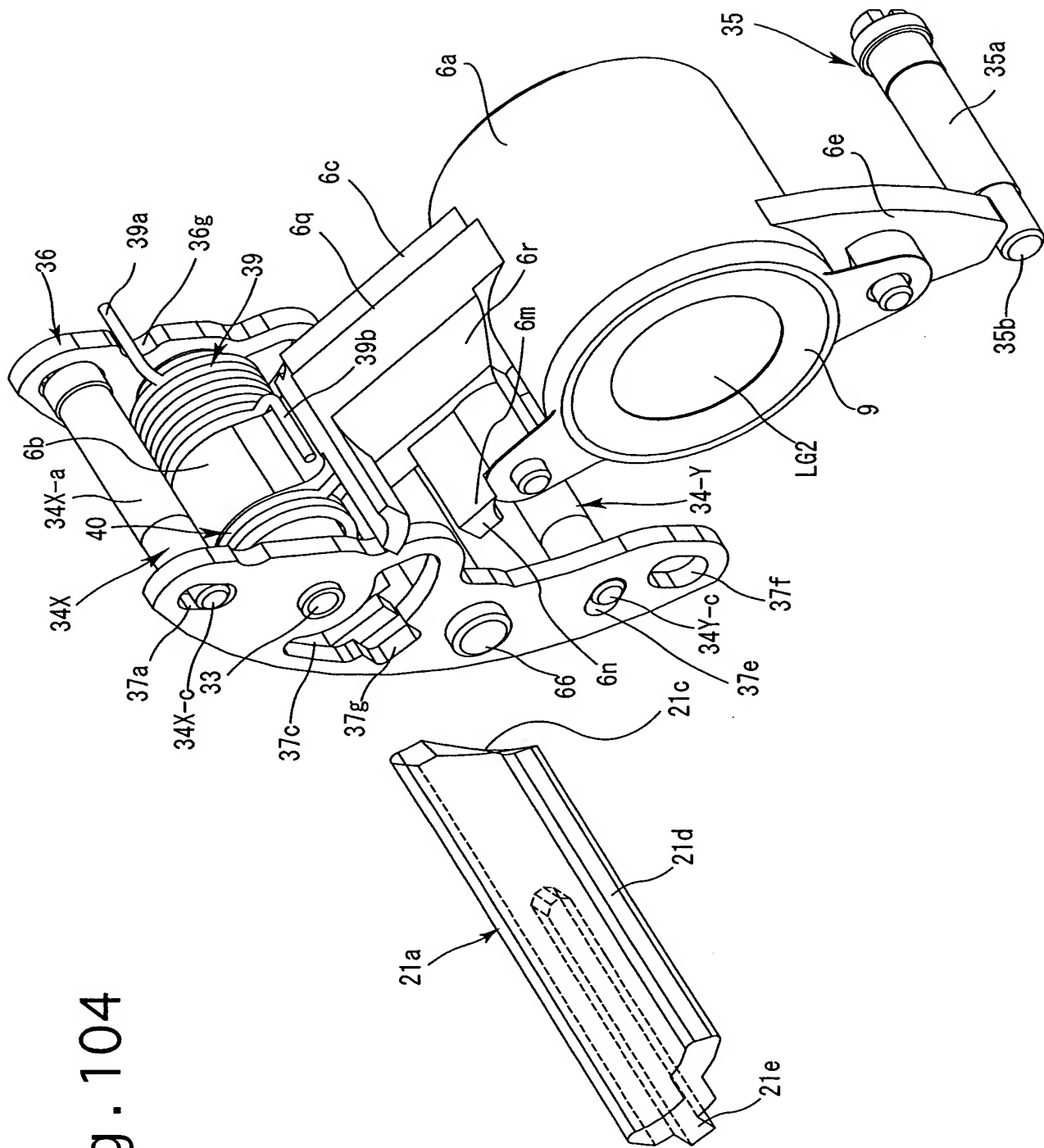




Fig. 103





105

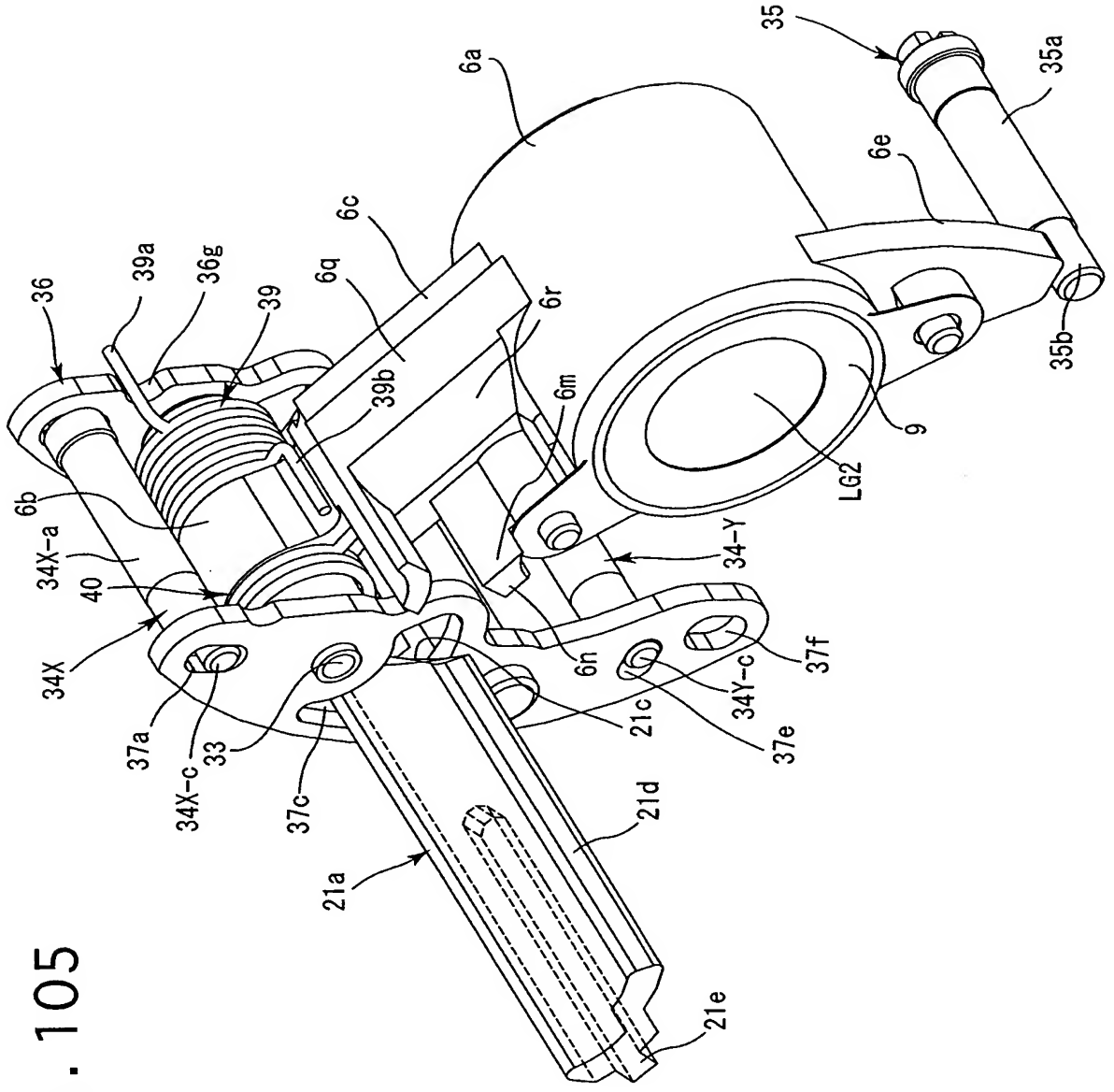
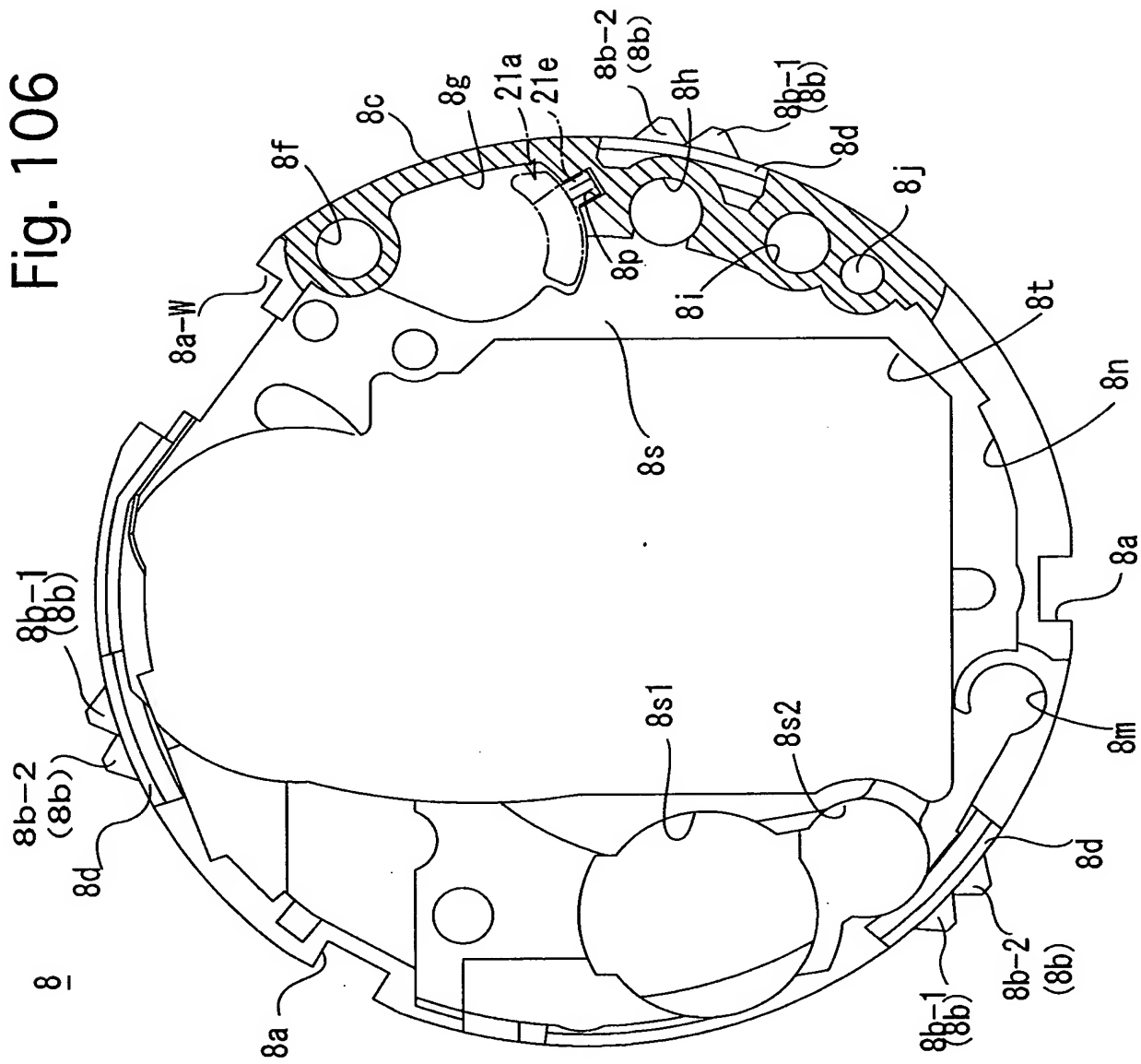


Fig. 106



8

Fig. 108

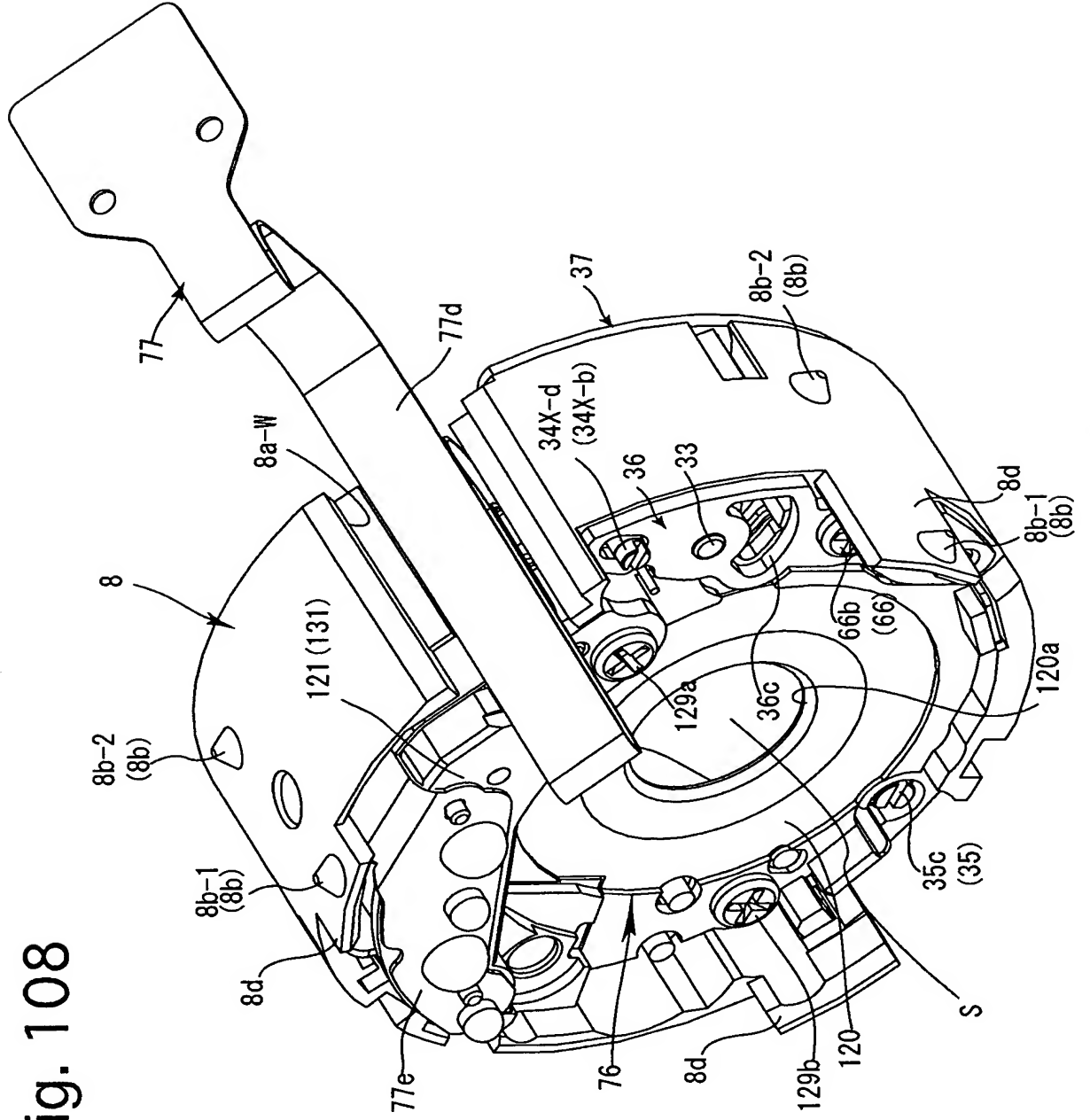




Fig. 110

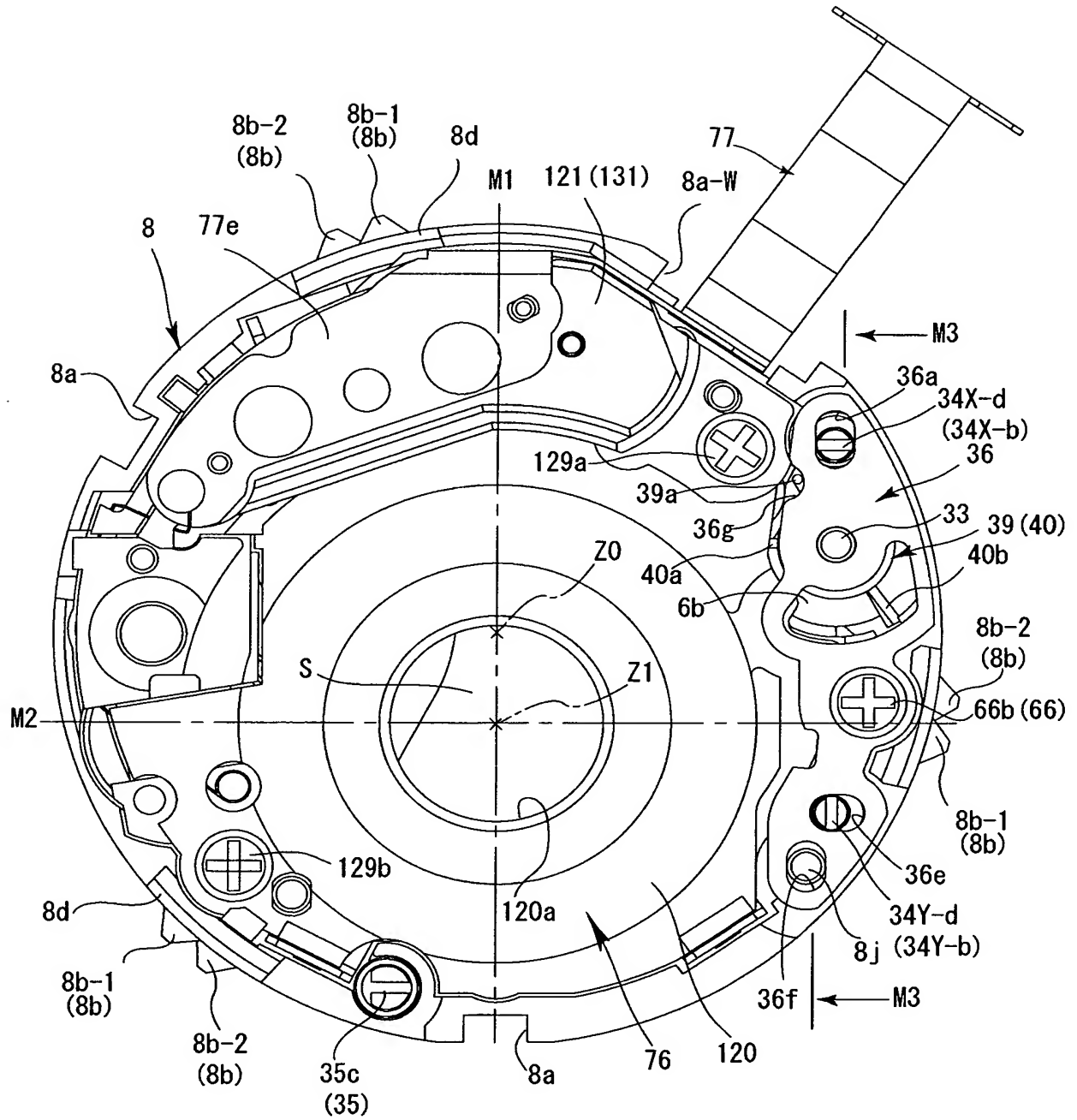






Fig. 112

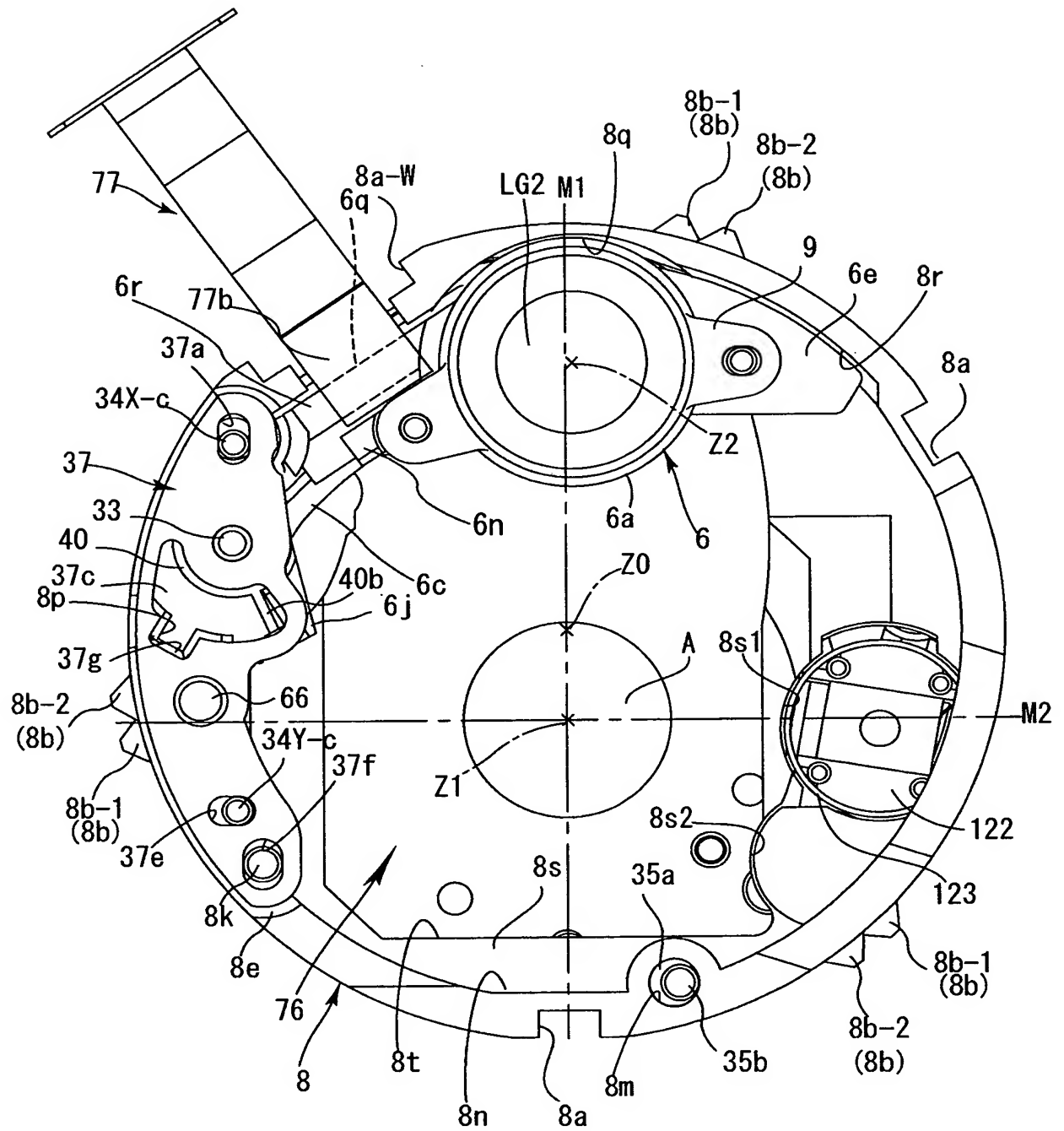


Fig.1 13

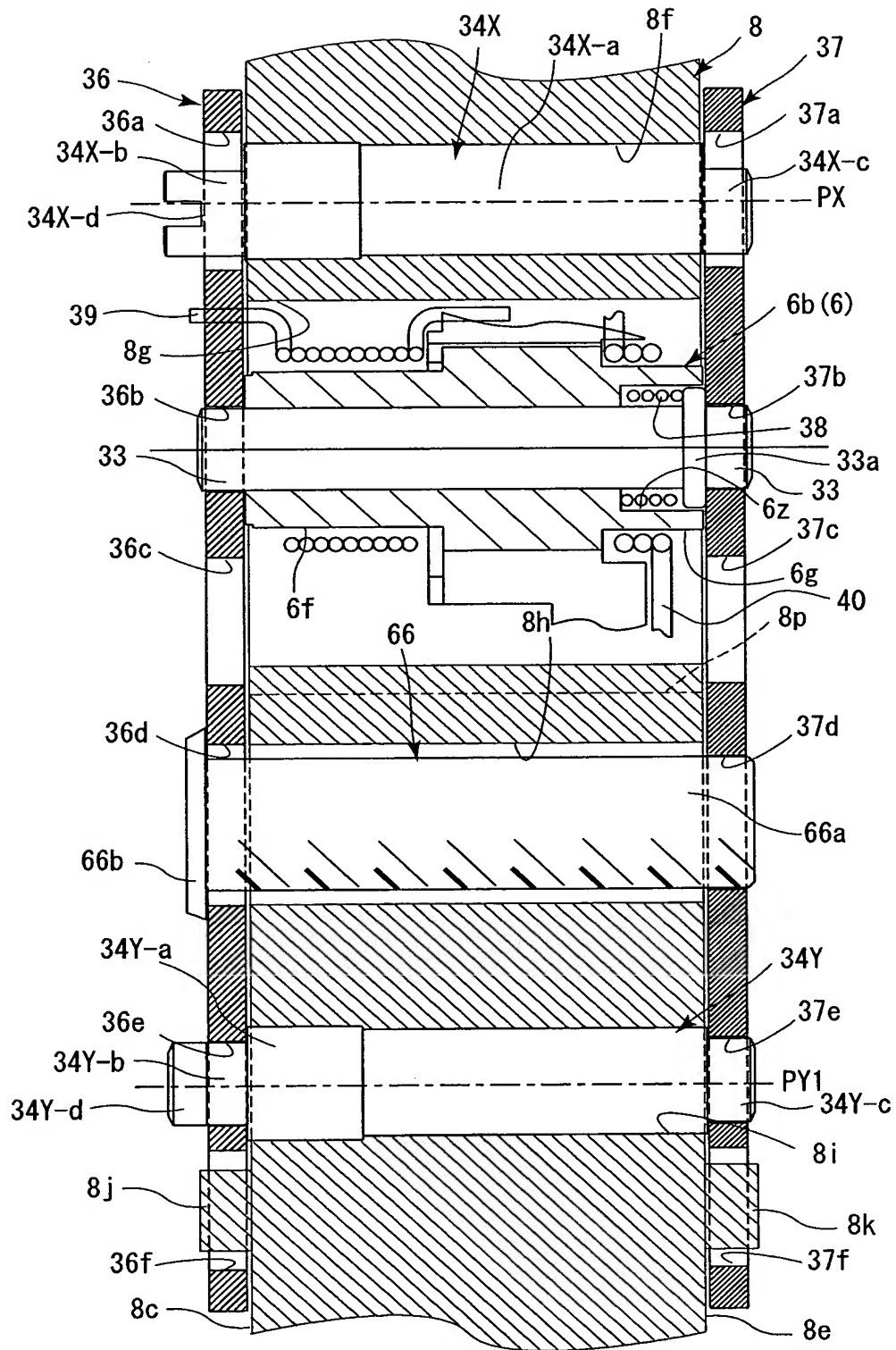


Fig . 114

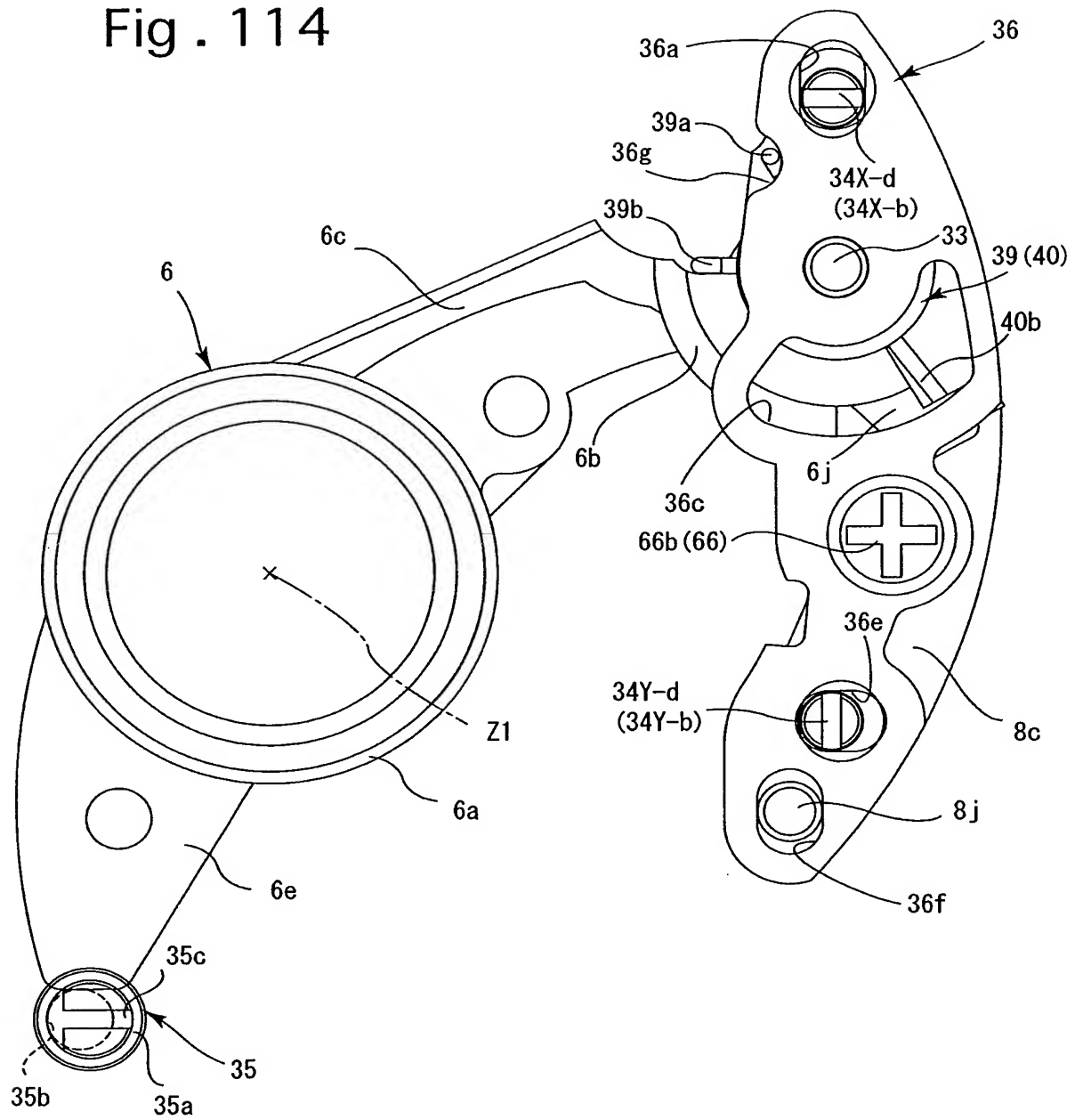


Fig . 115

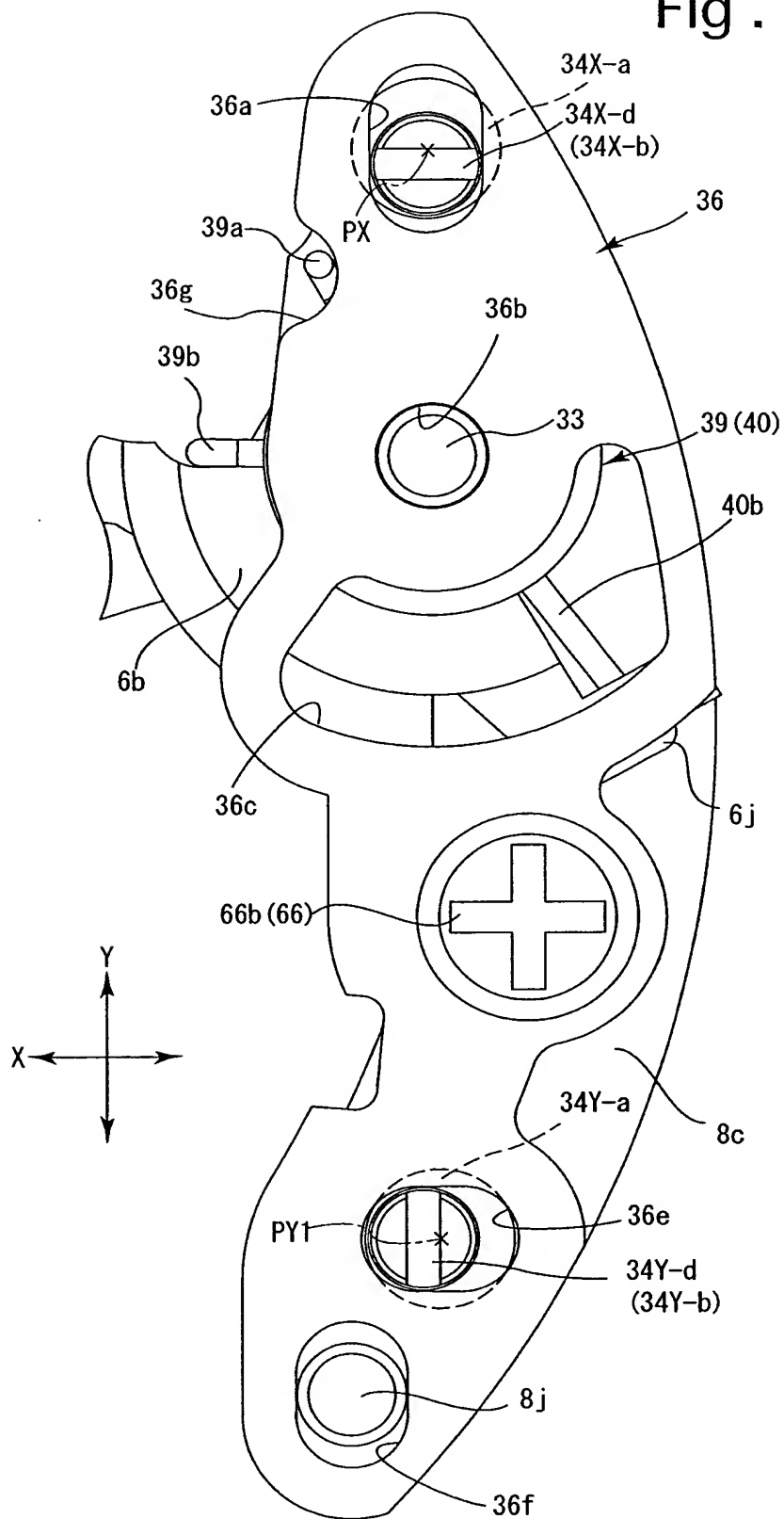


Fig. 116

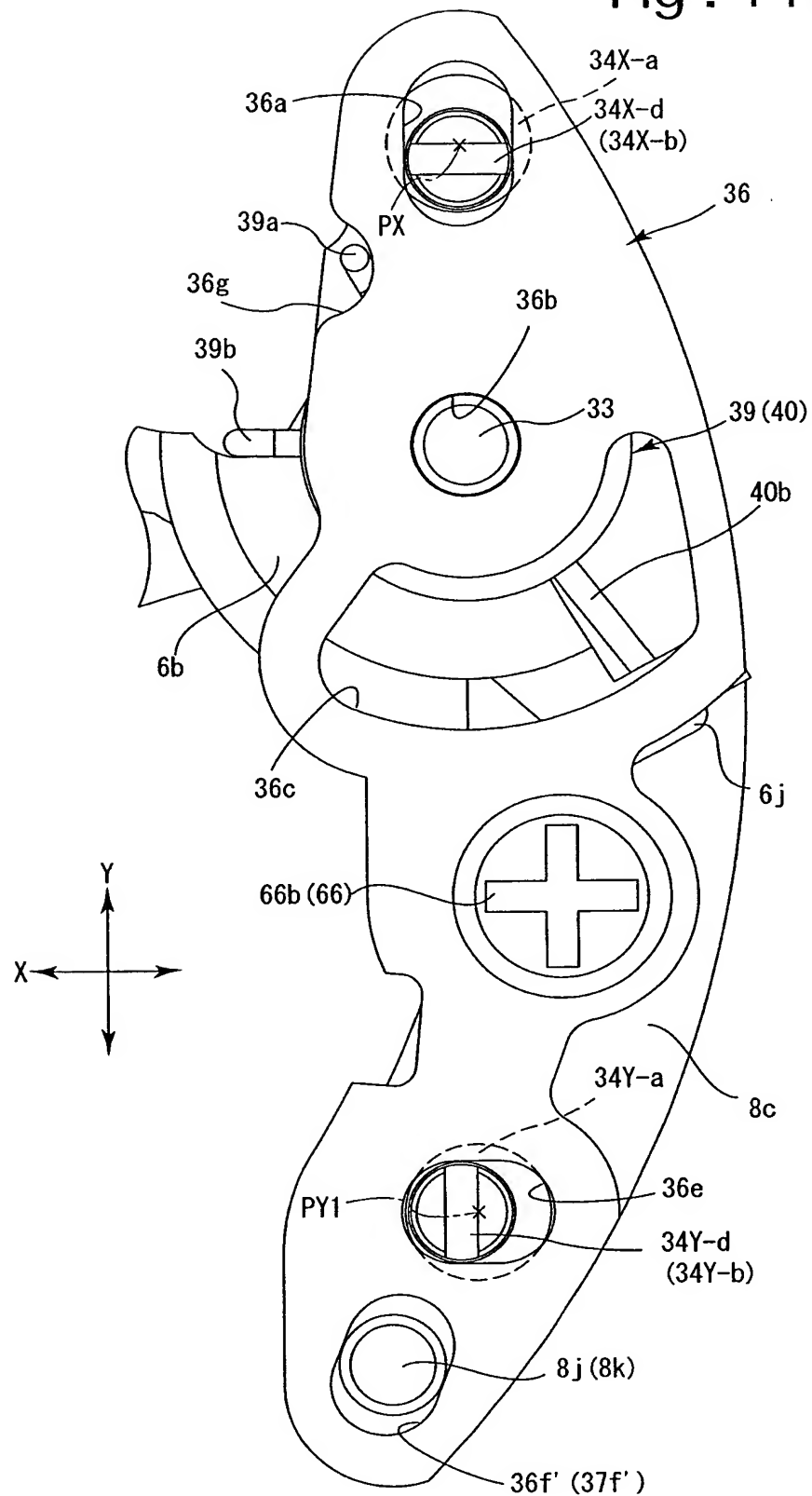


Fig . 117

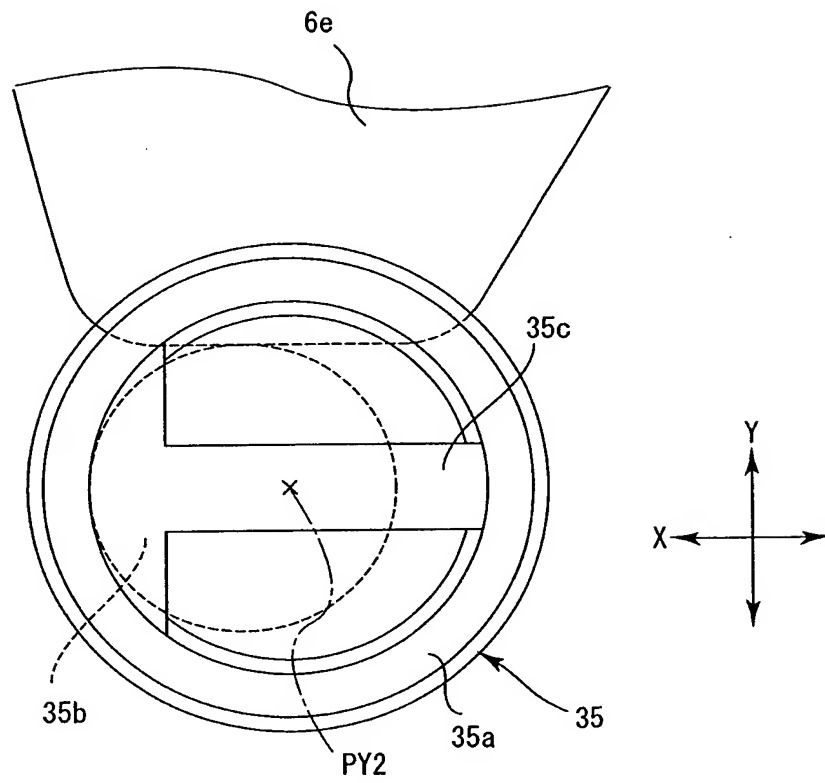


Fig. 118

Fig. 118 is a perspective view of a mechanical assembly 6. The assembly includes a main body 6a with a curved, flared end. A central shaft 6b passes through the body, with a flange 6c at the top. A component 40 is mounted on the shaft, featuring a circular face 40a with a cross-hatched pattern. A vertical rod 6p is attached to the side of the shaft. A curved arm 6i is also shown. A vertical arrow indicates the 'Upward' and 'Downward' directions. A coordinate system Z1 is shown at the bottom right.

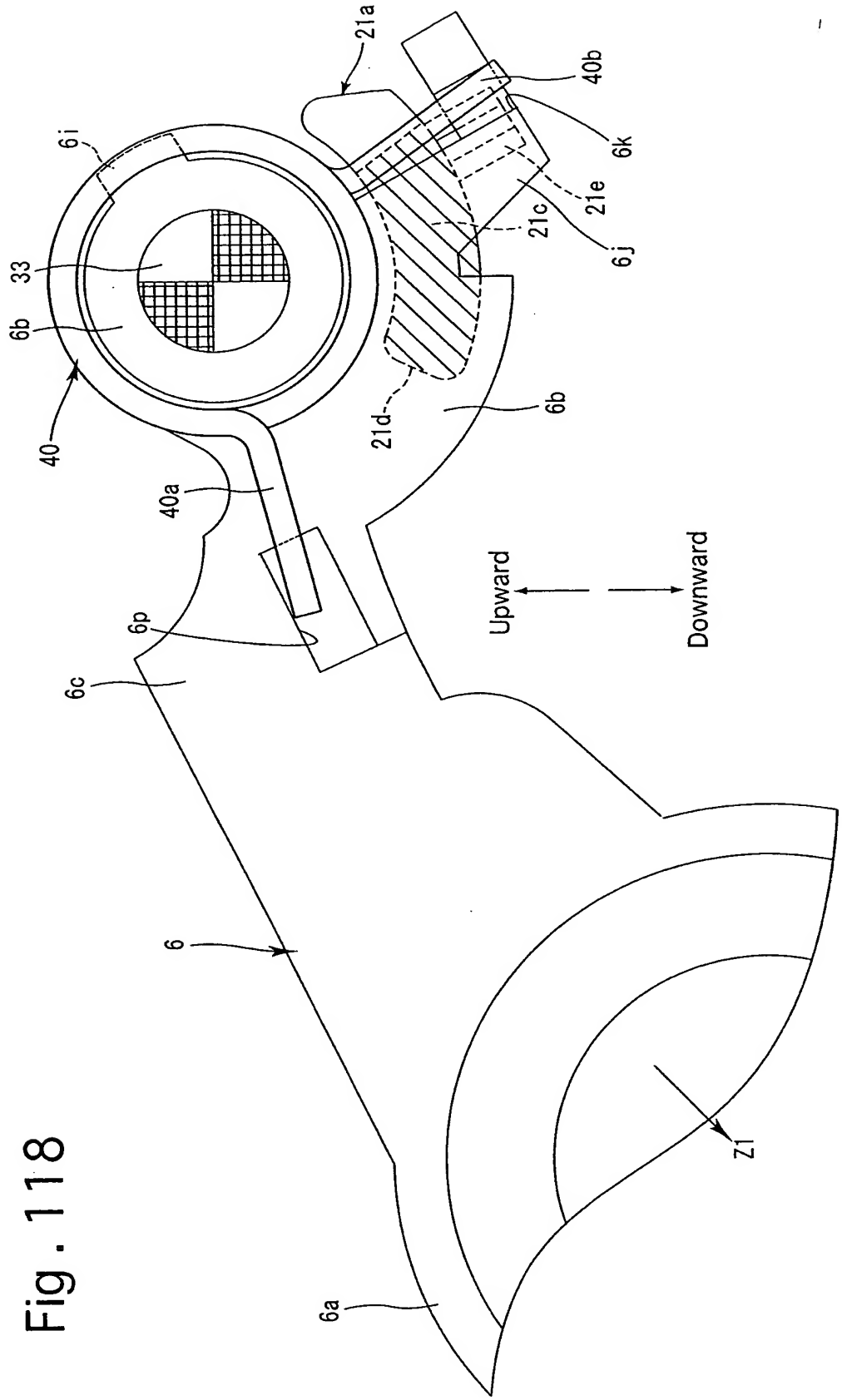




Fig . 119

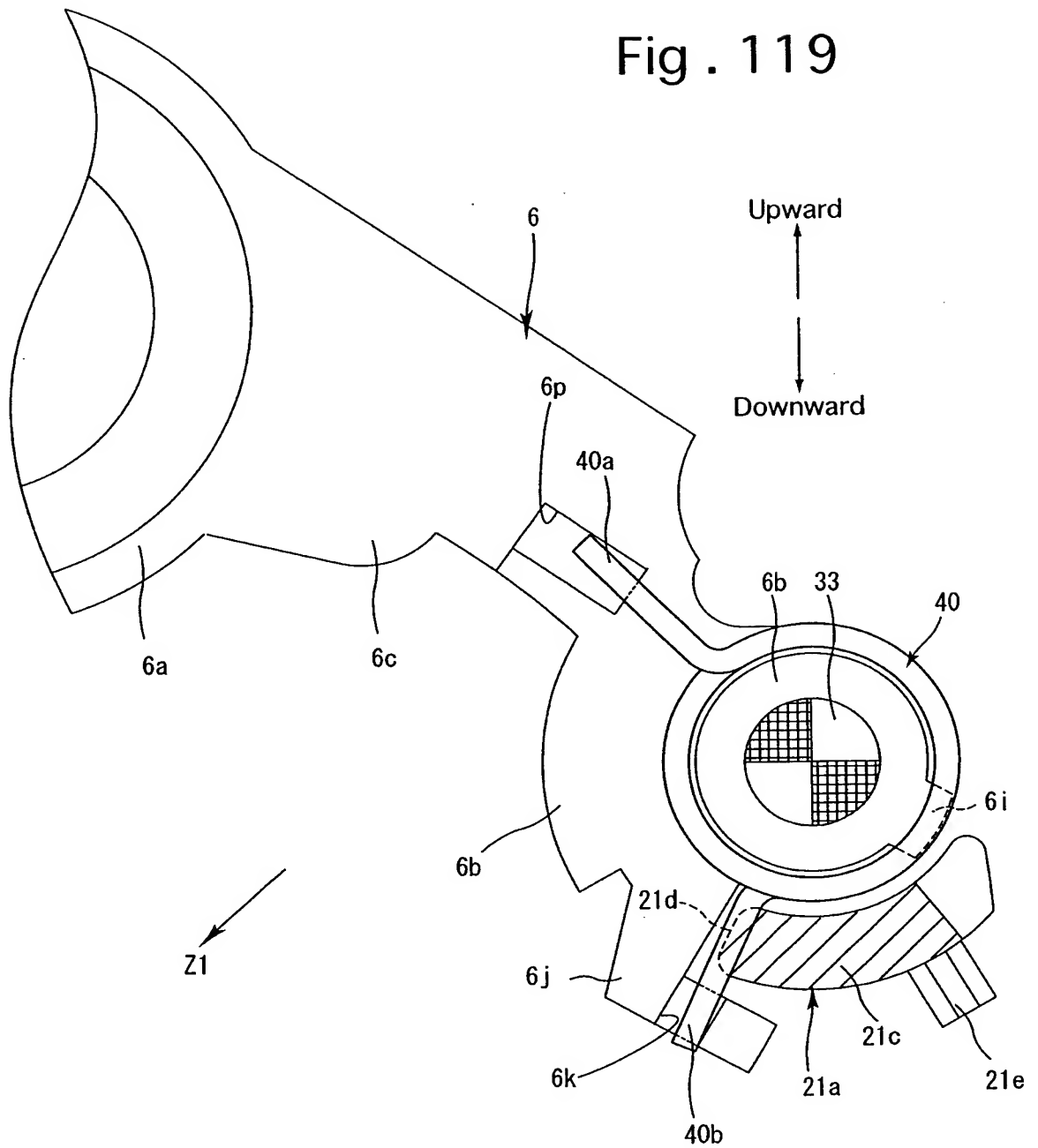


Fig . 120

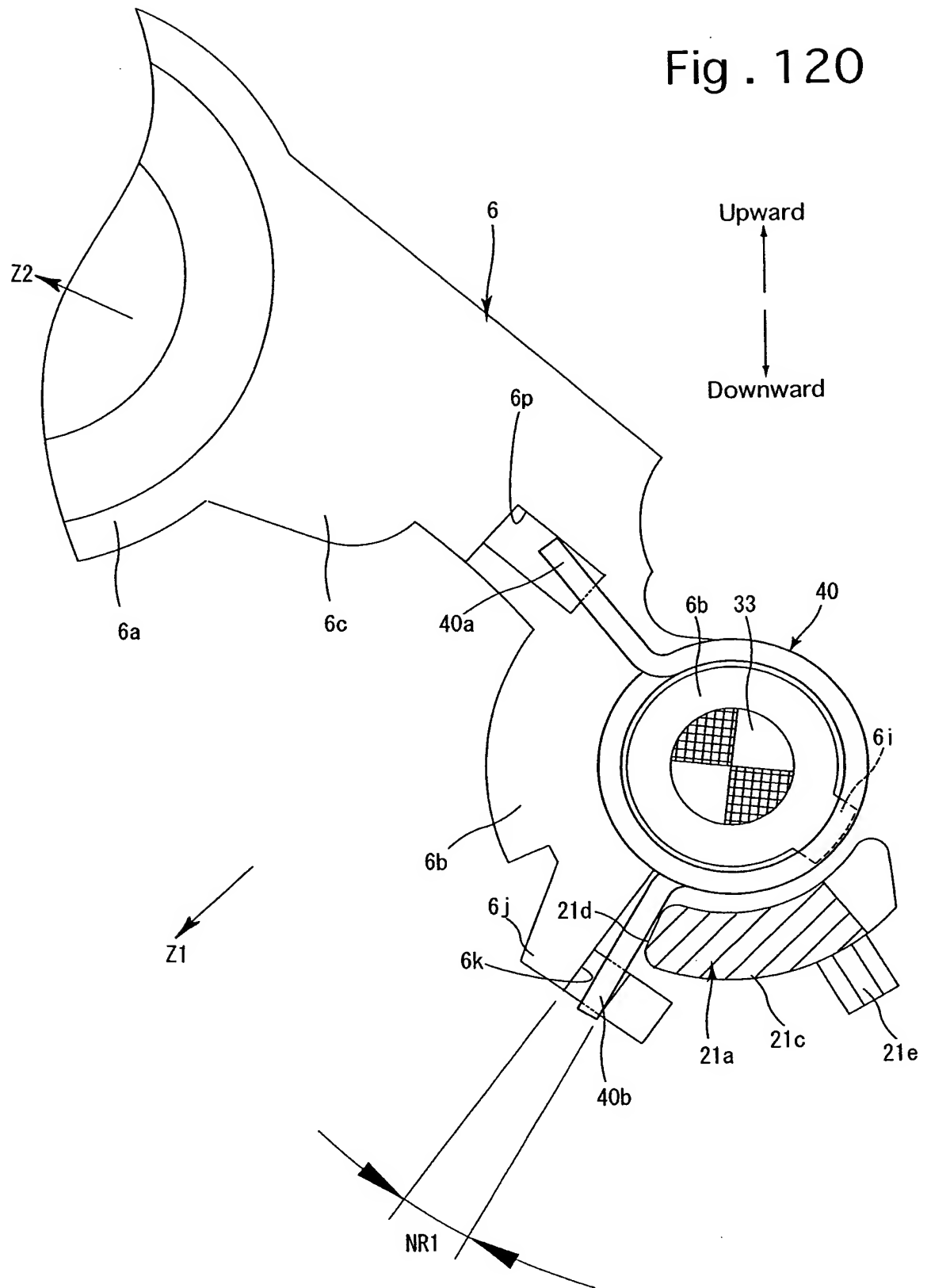


Fig . 121

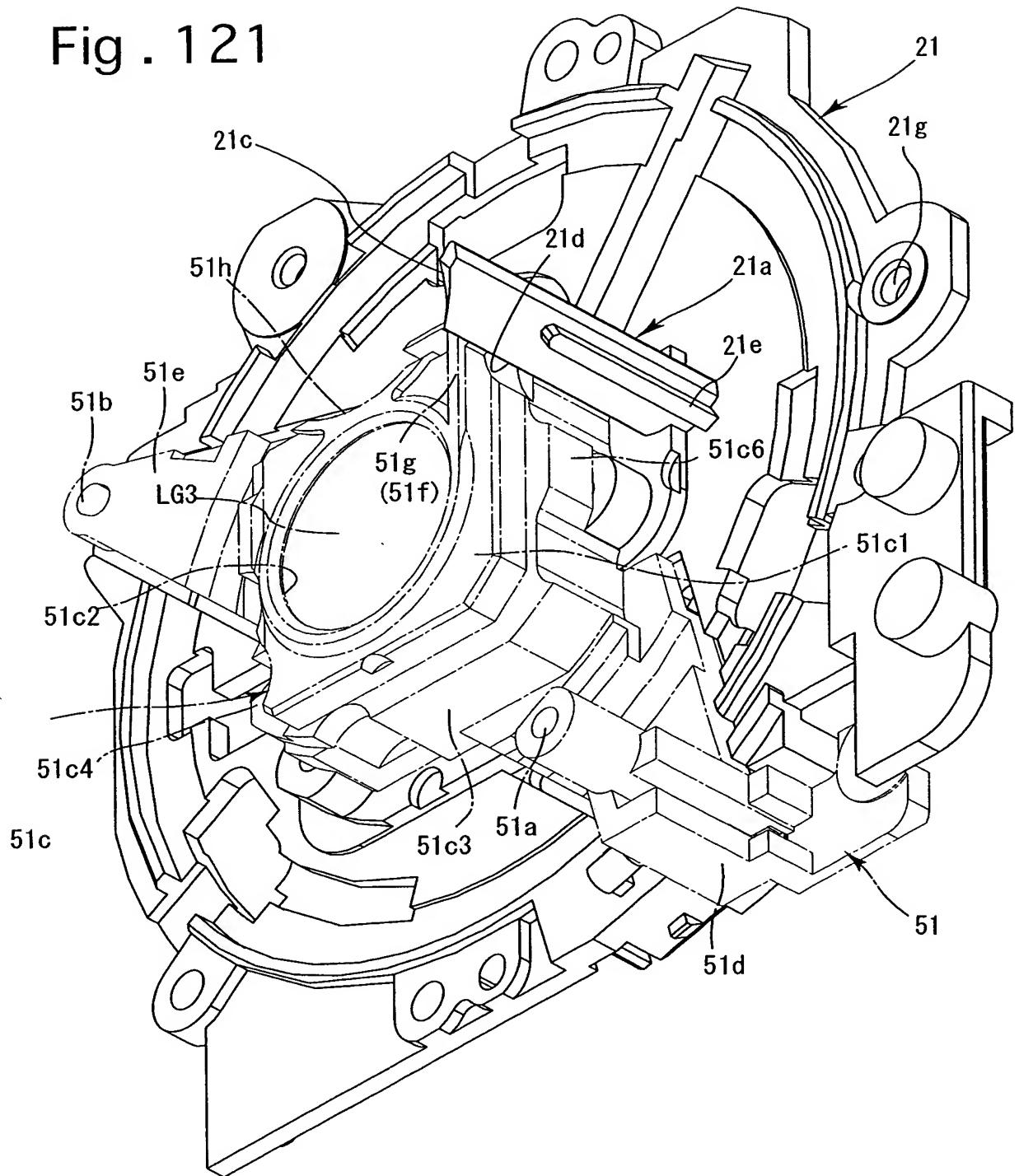




Fig . 123

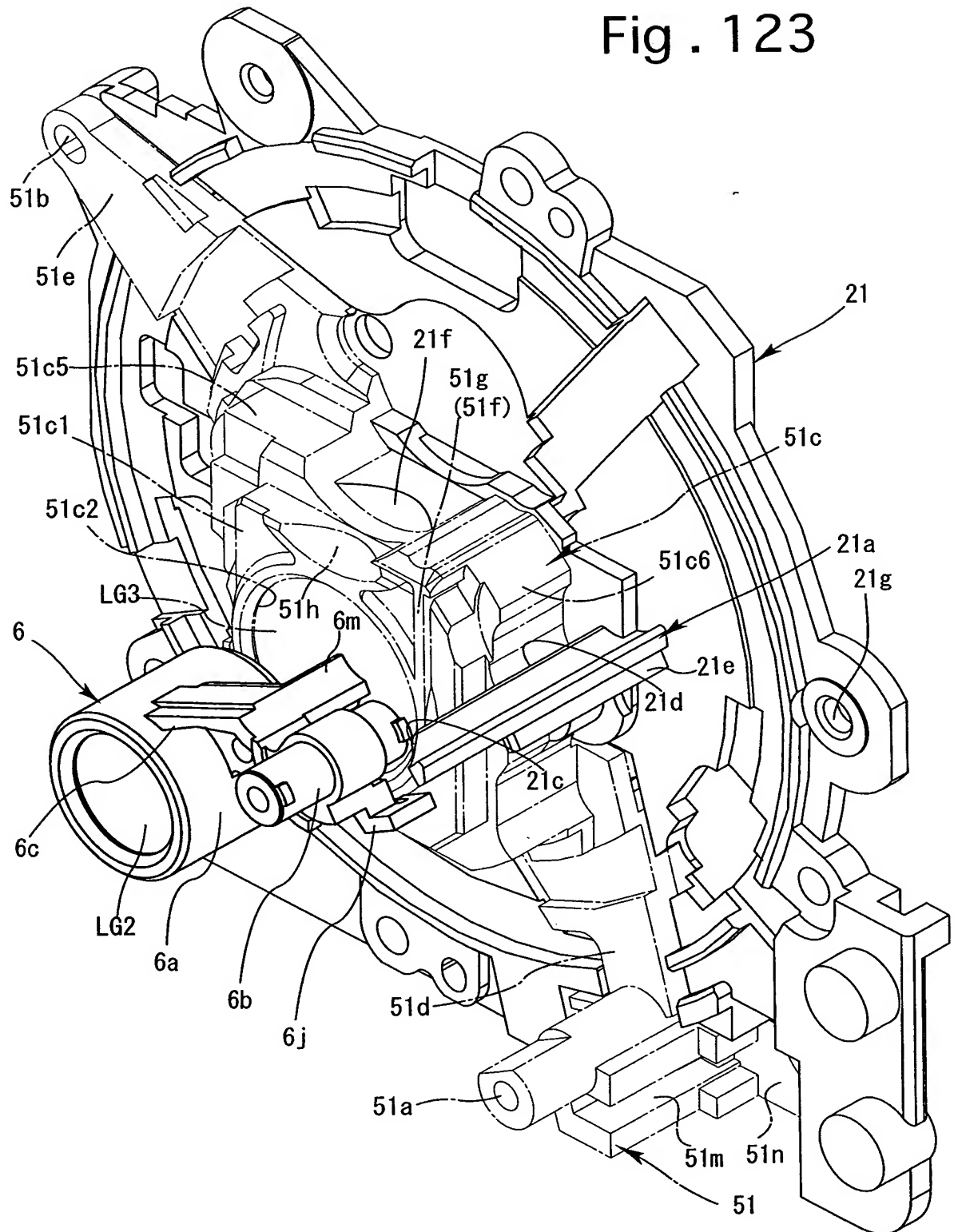


Fig . 124

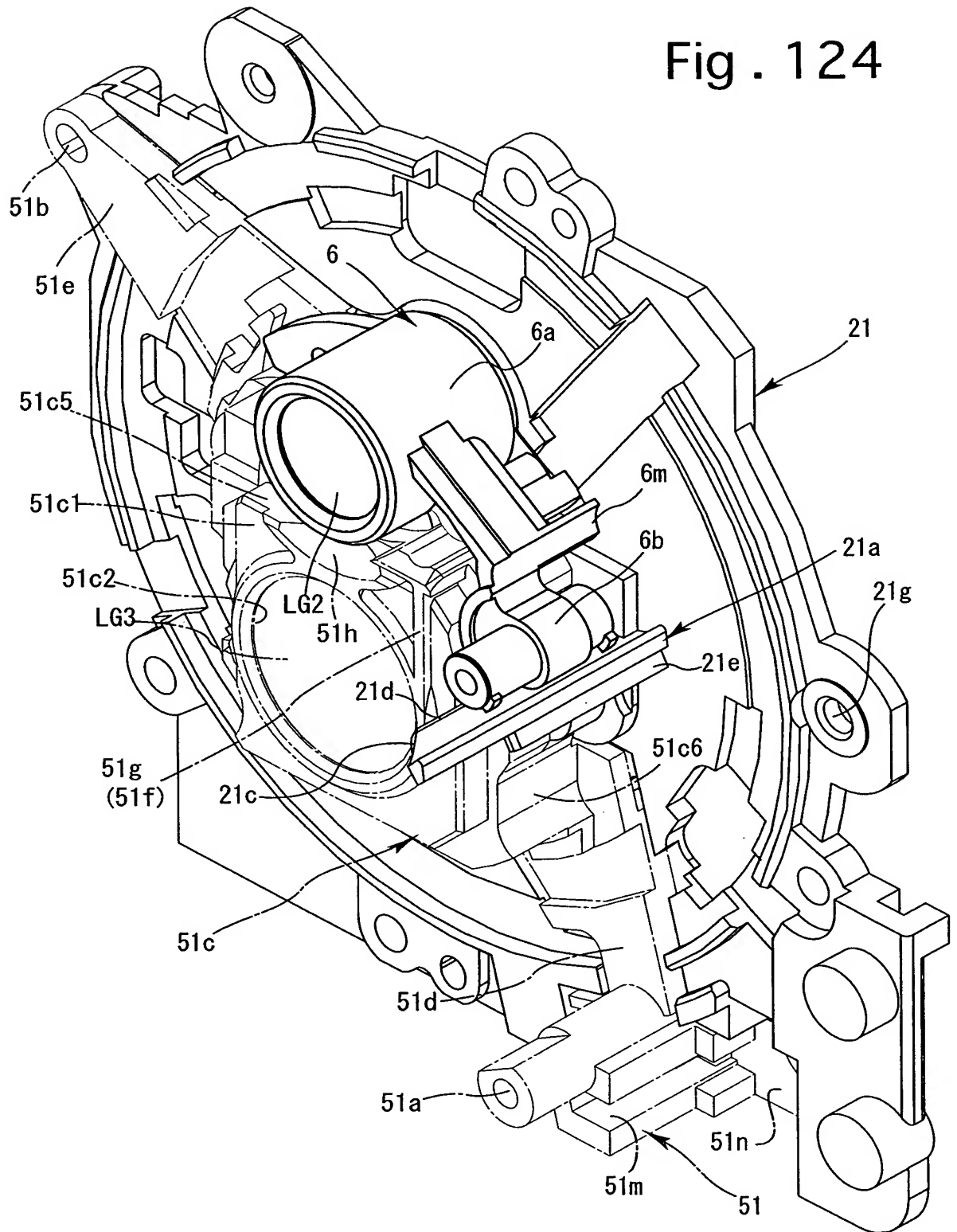


Fig . 125

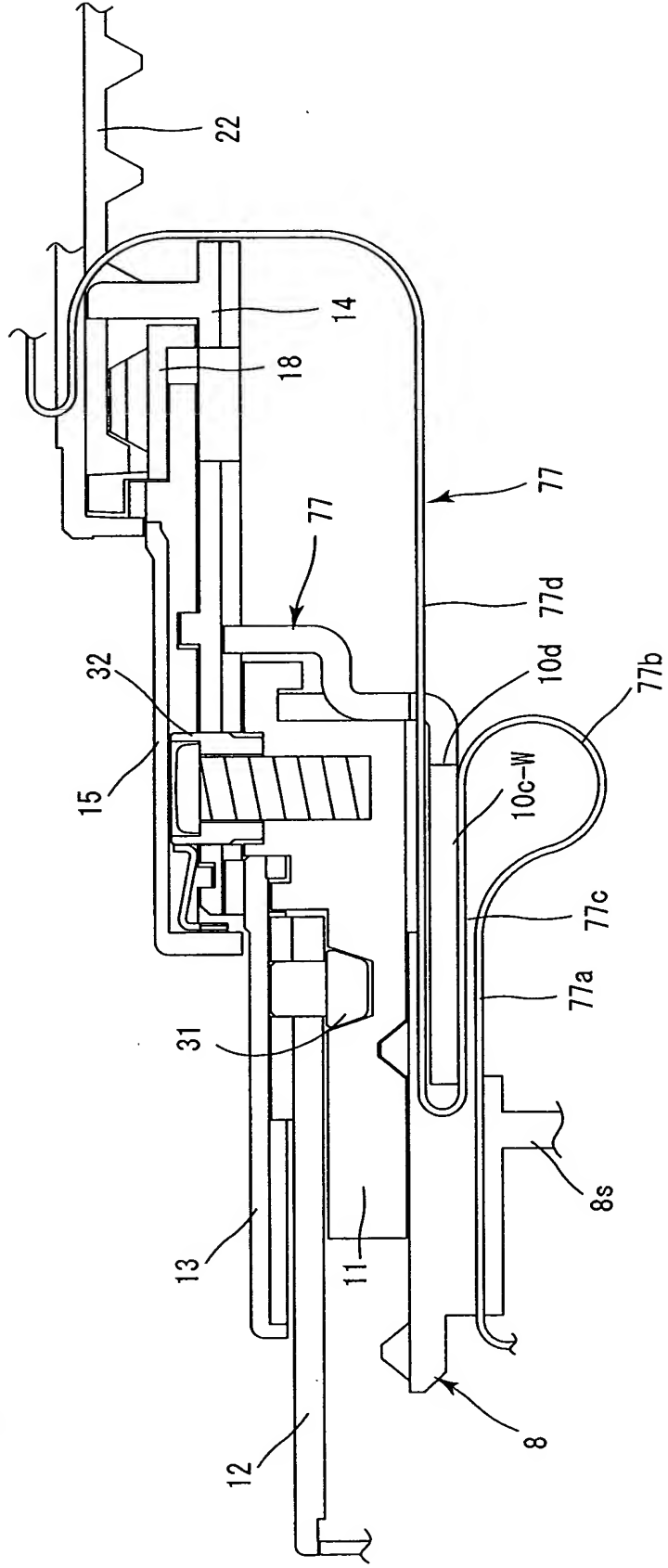
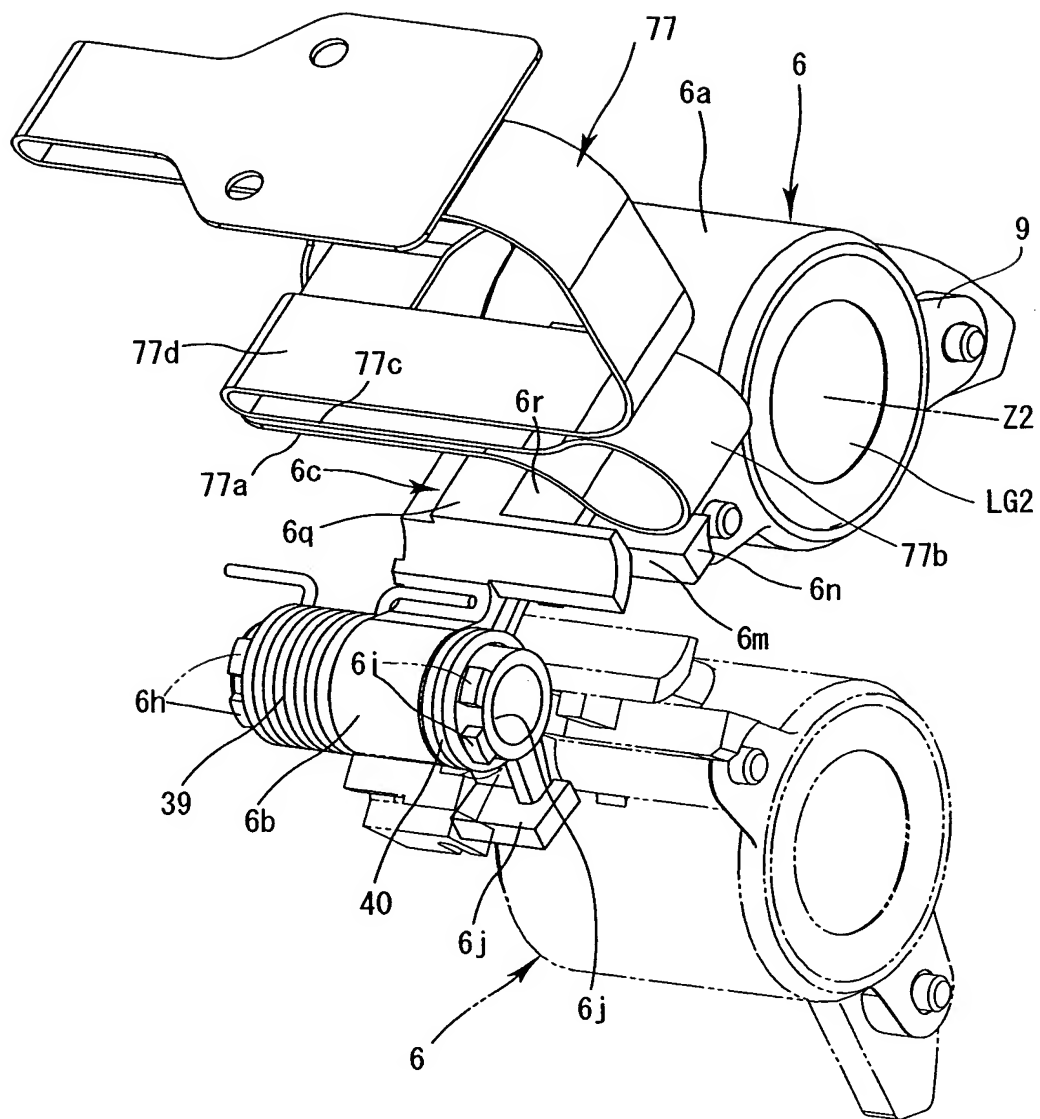


Fig . 126





16 2 1

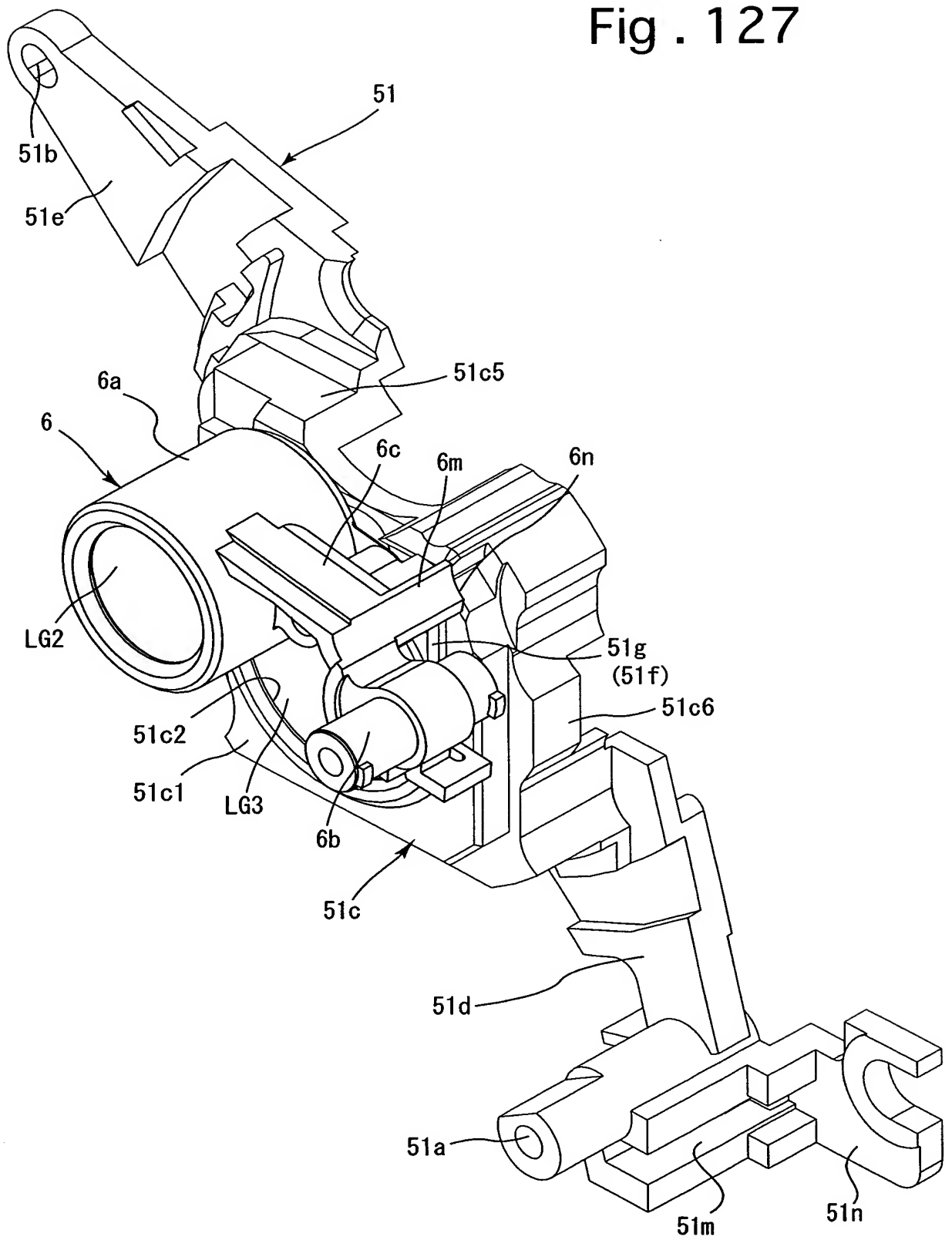


Fig . 128

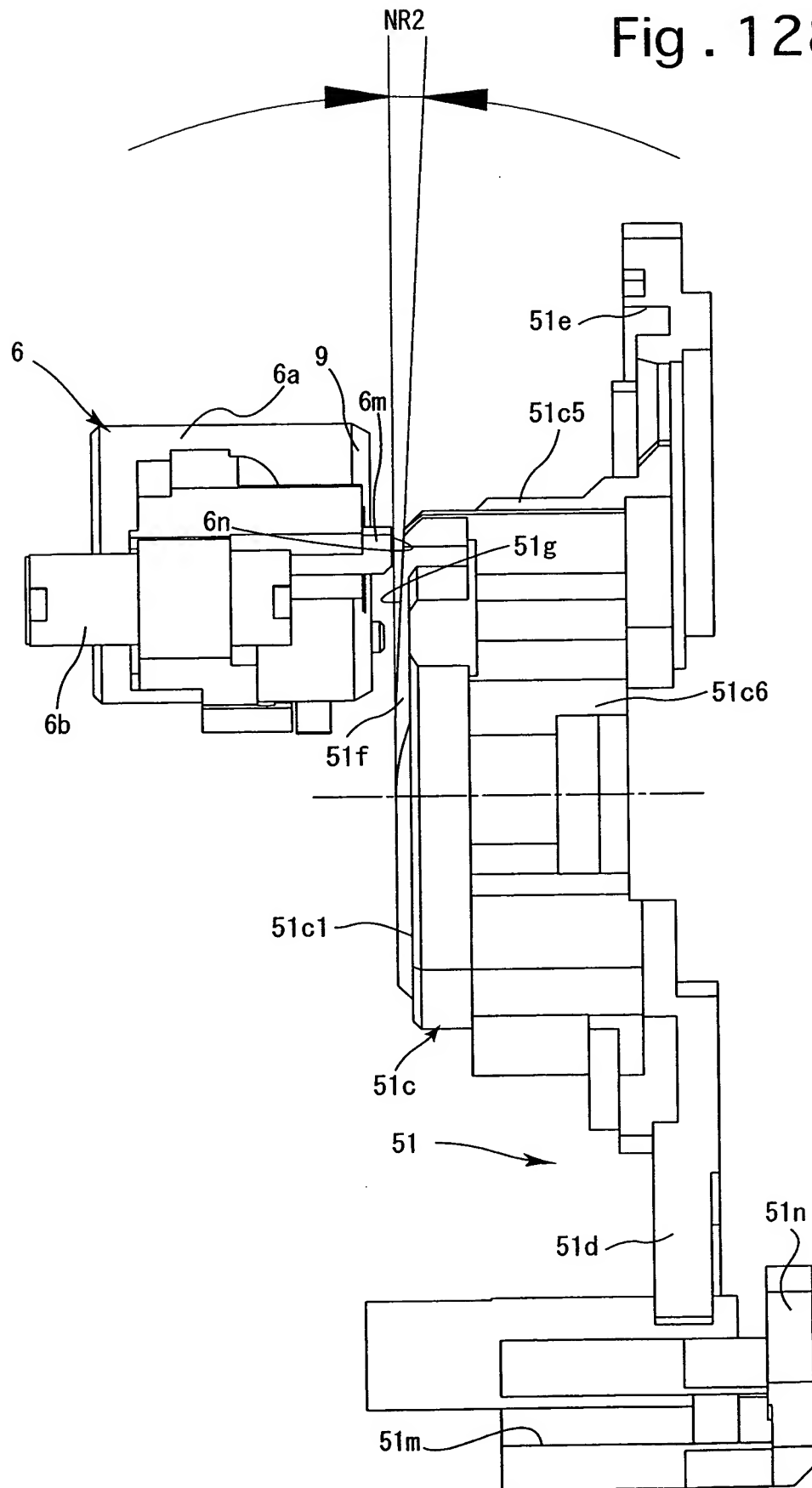
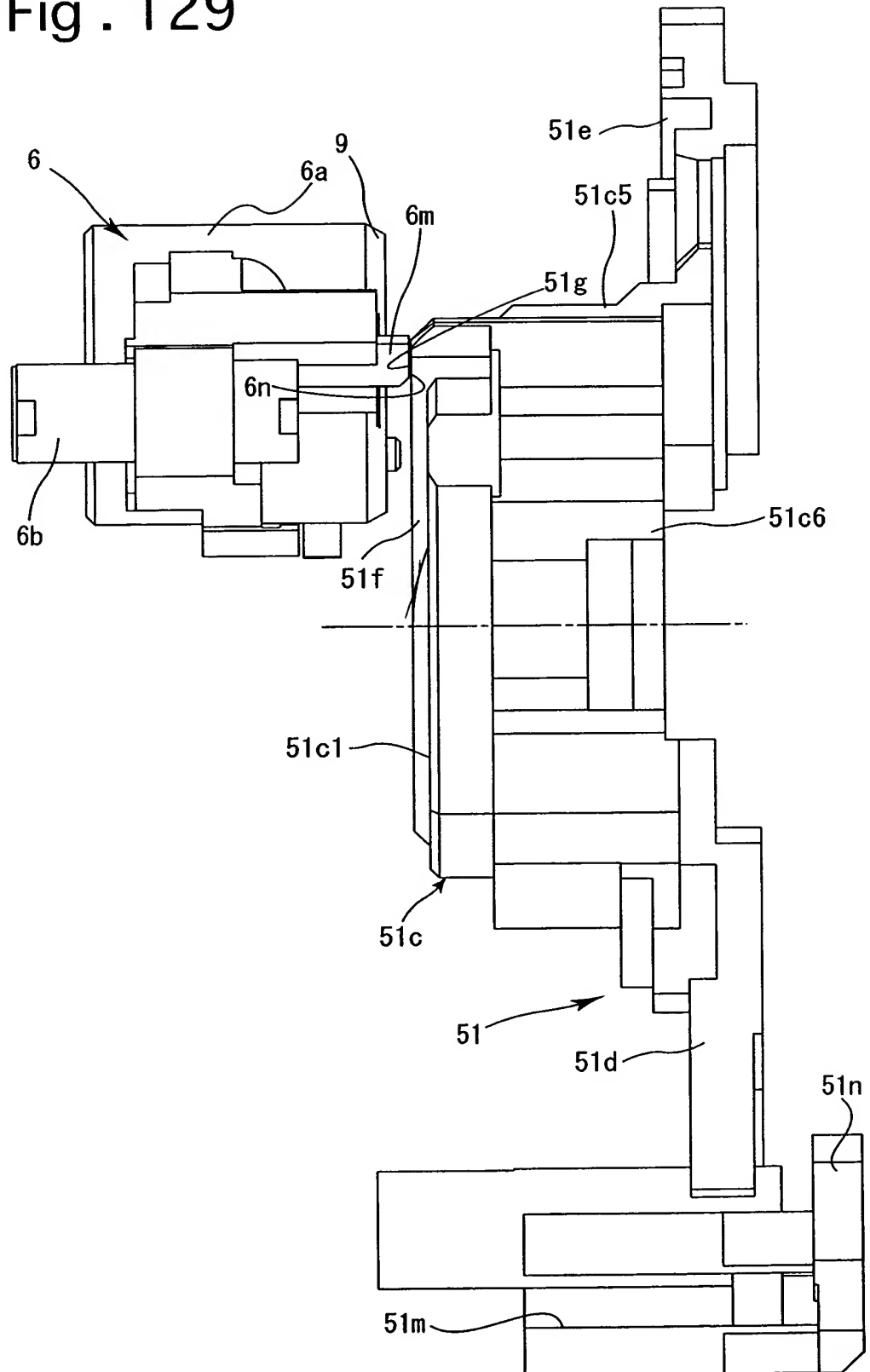


Fig . 129



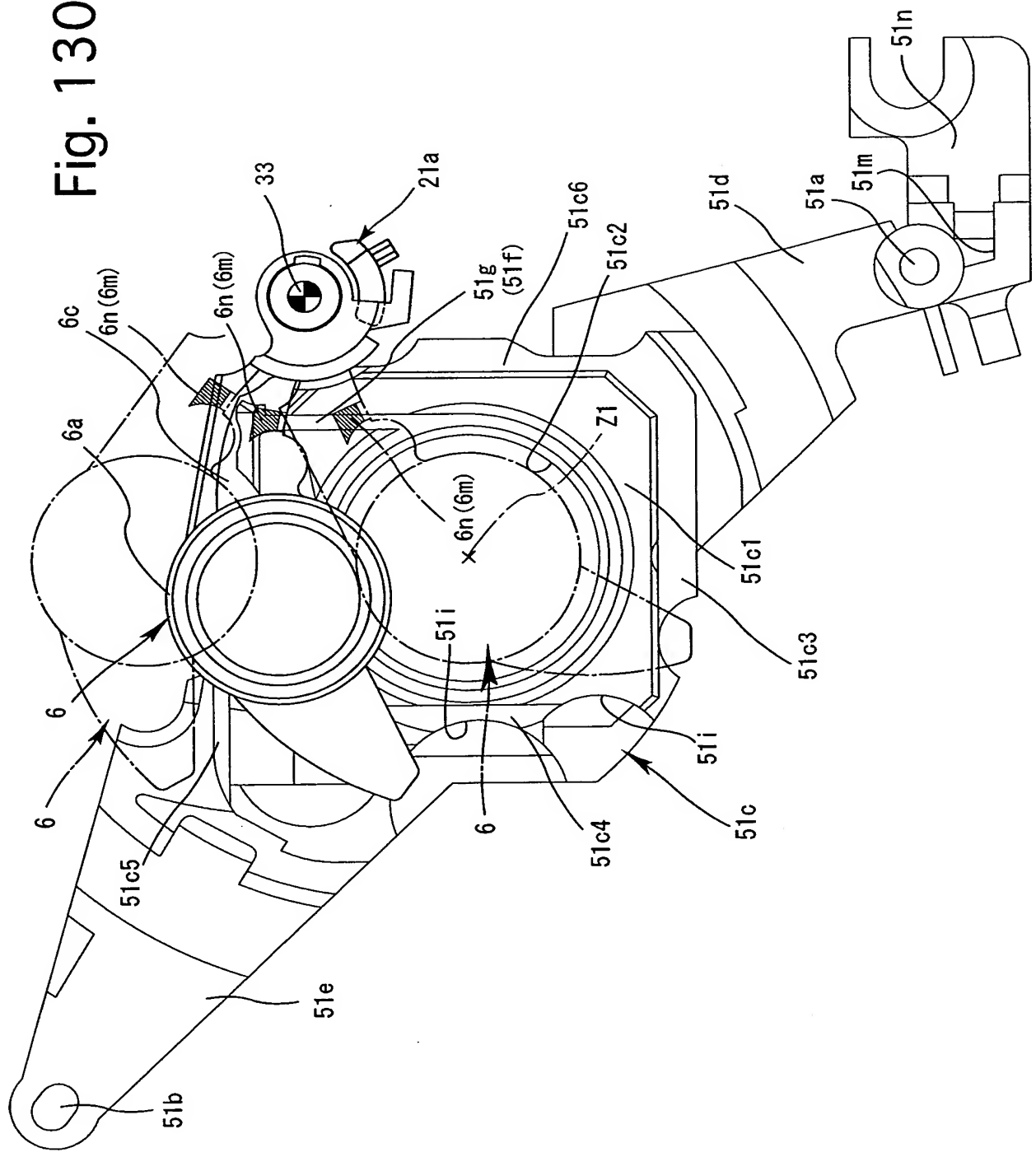


Fig. 131

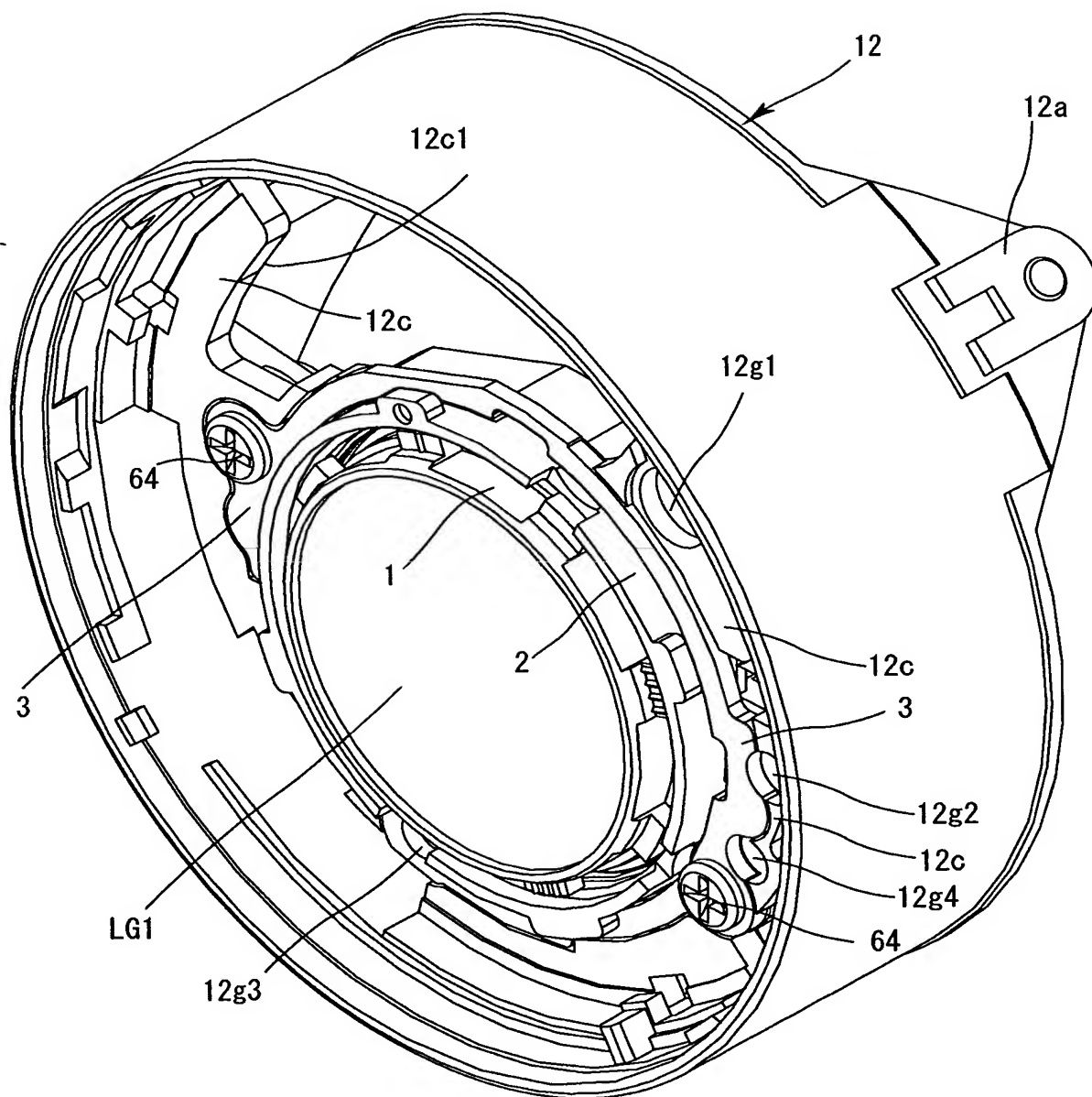


Fig. 132

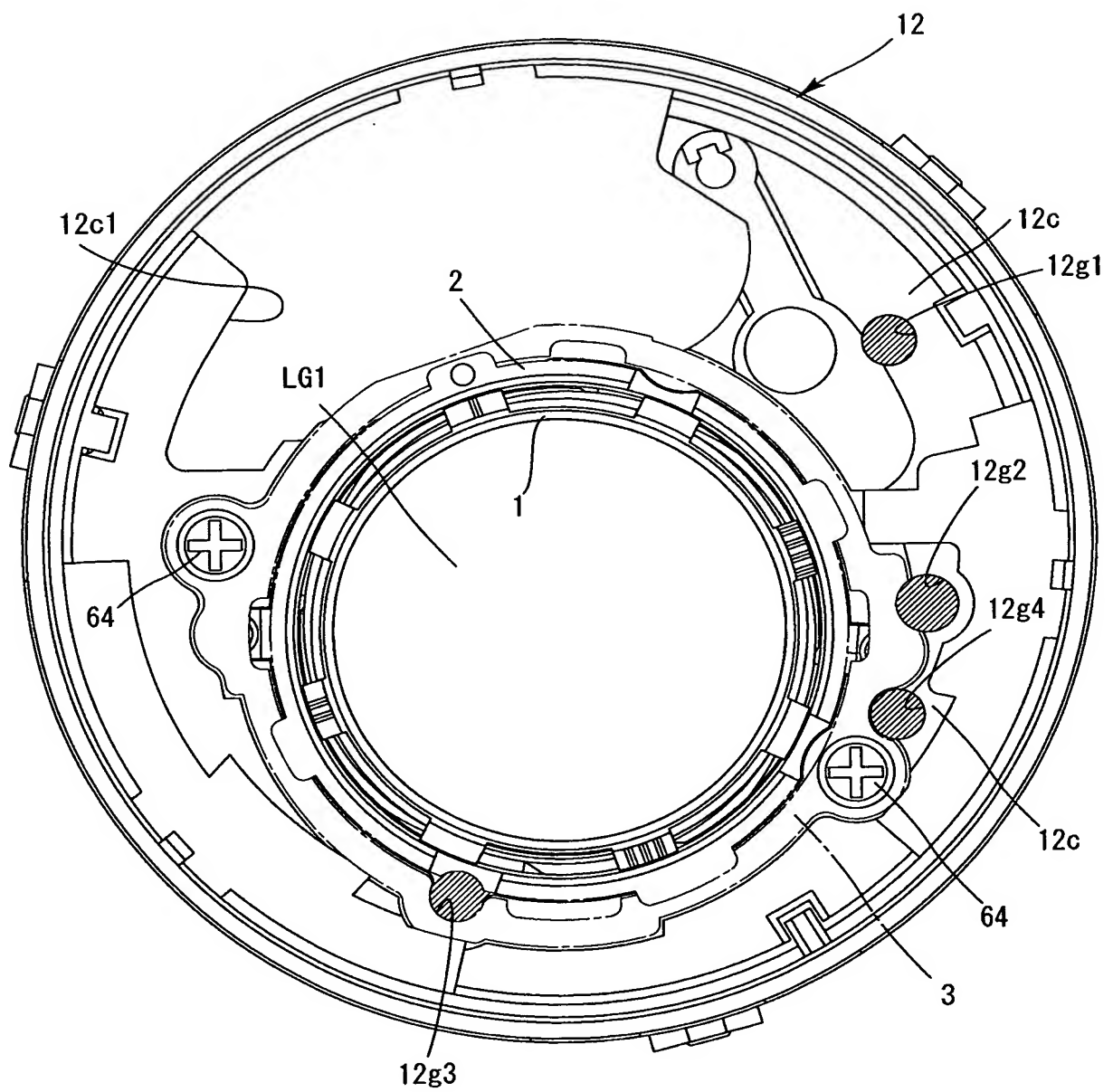


Fig. 133

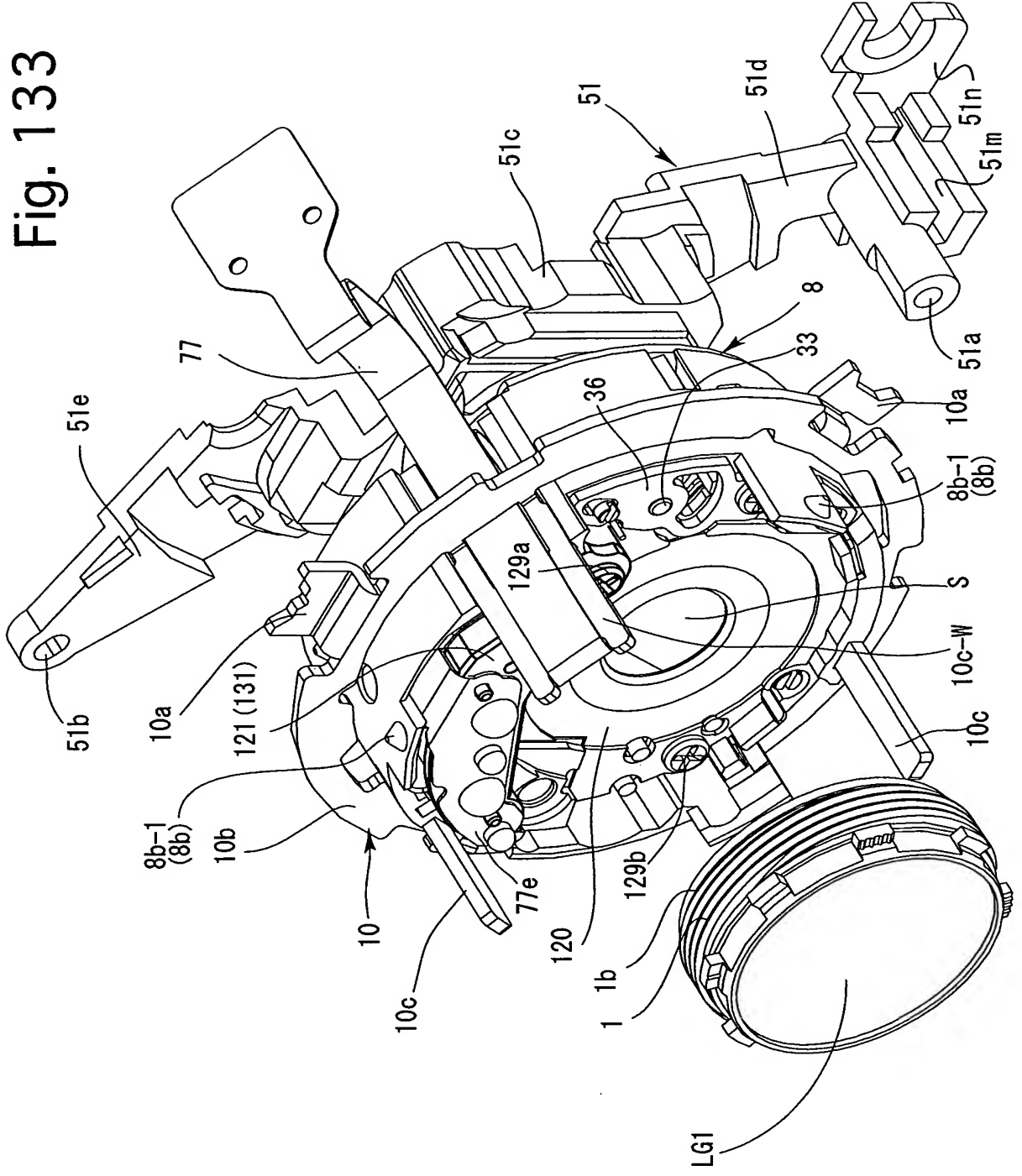


Fig. 134

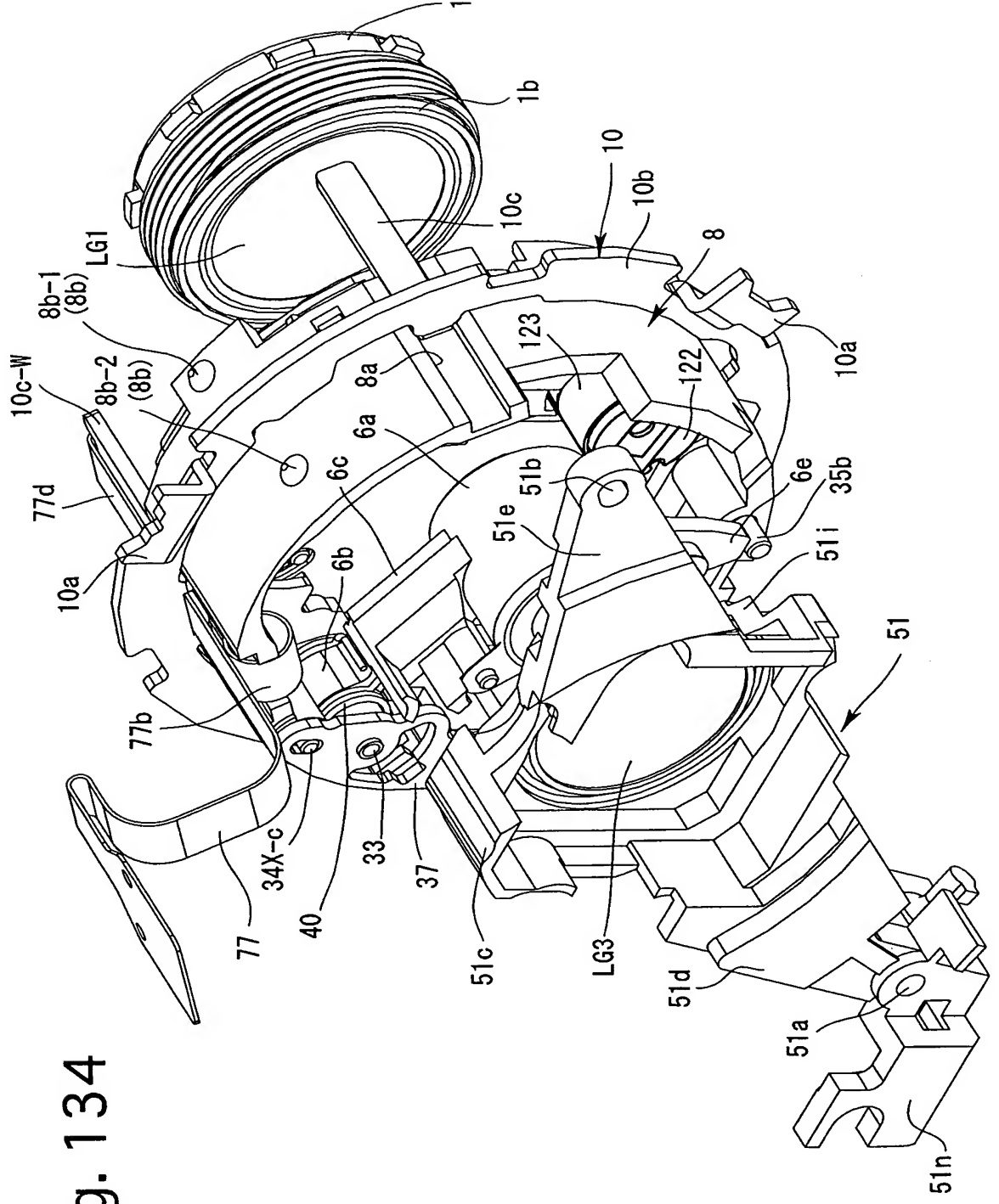




Fig. 135

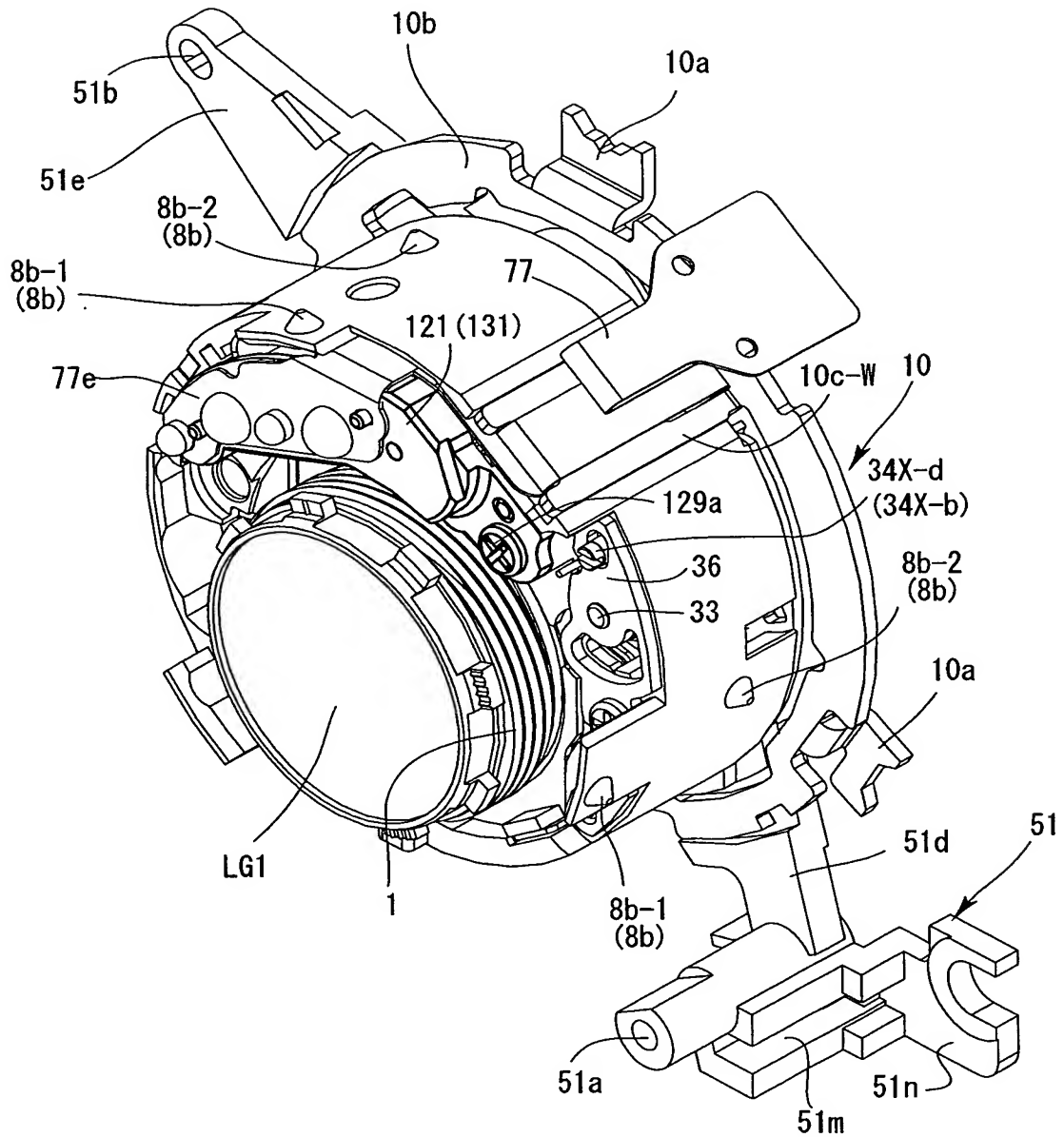


Fig. 136

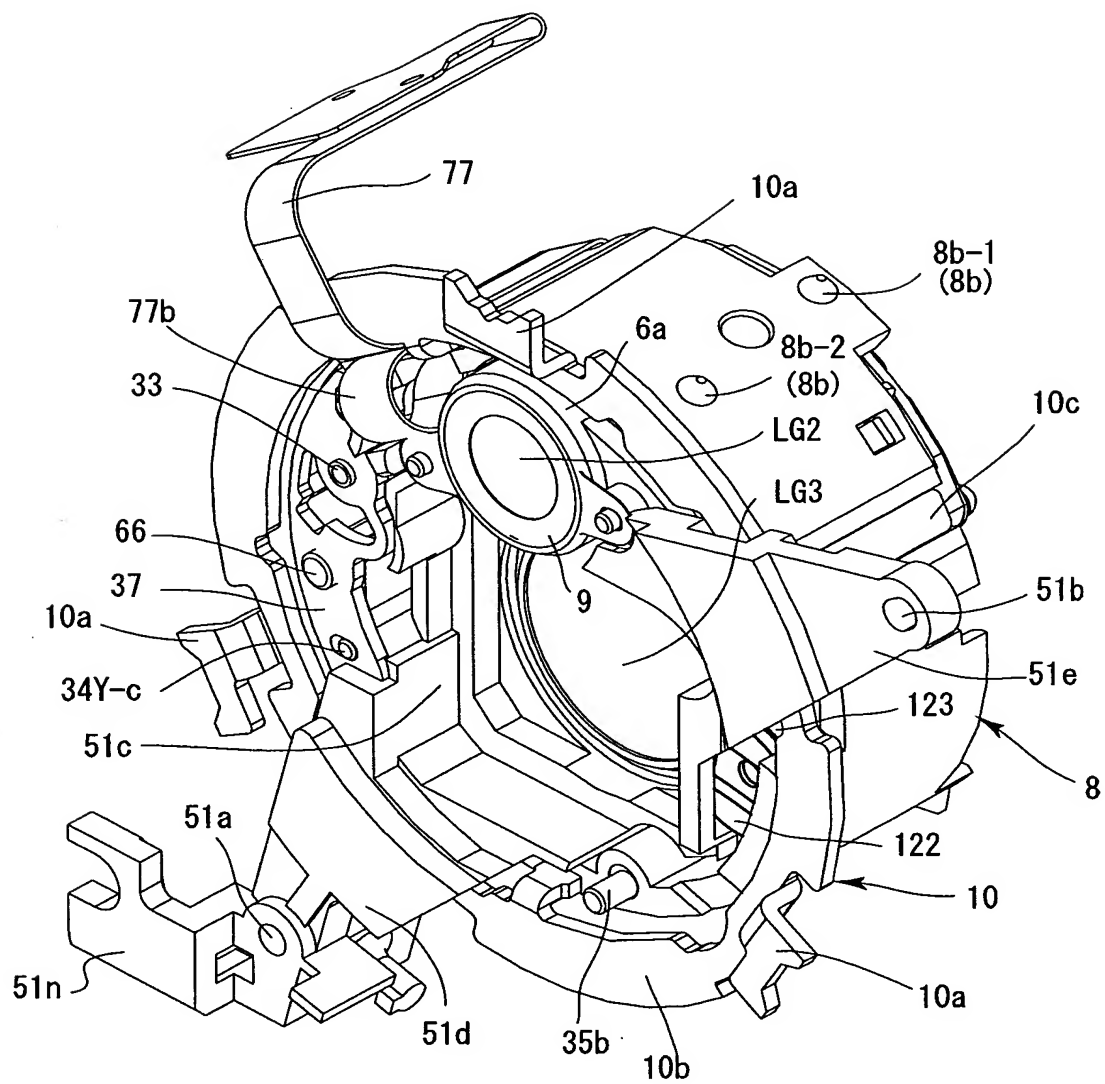
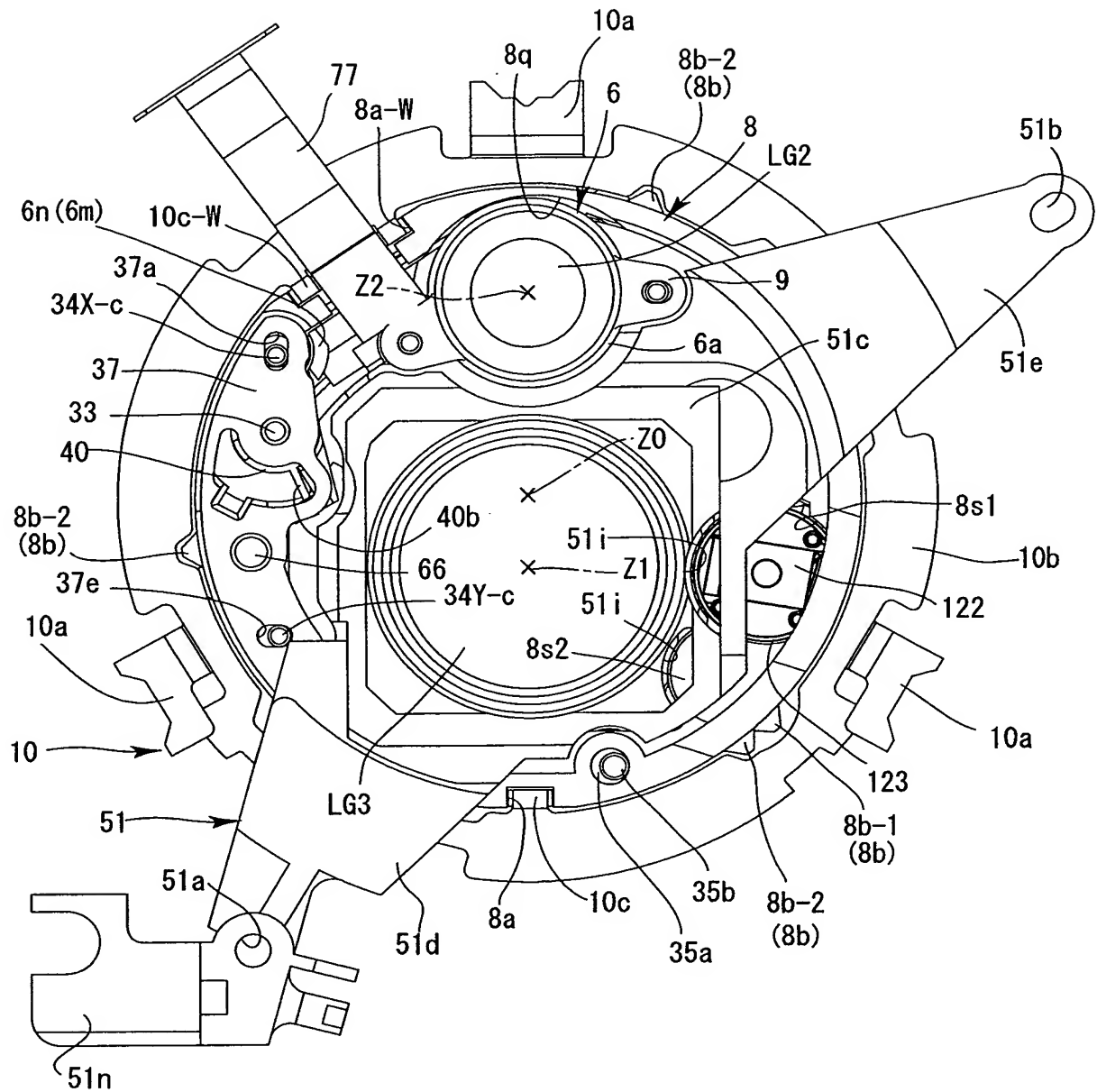


Fig. 137



100

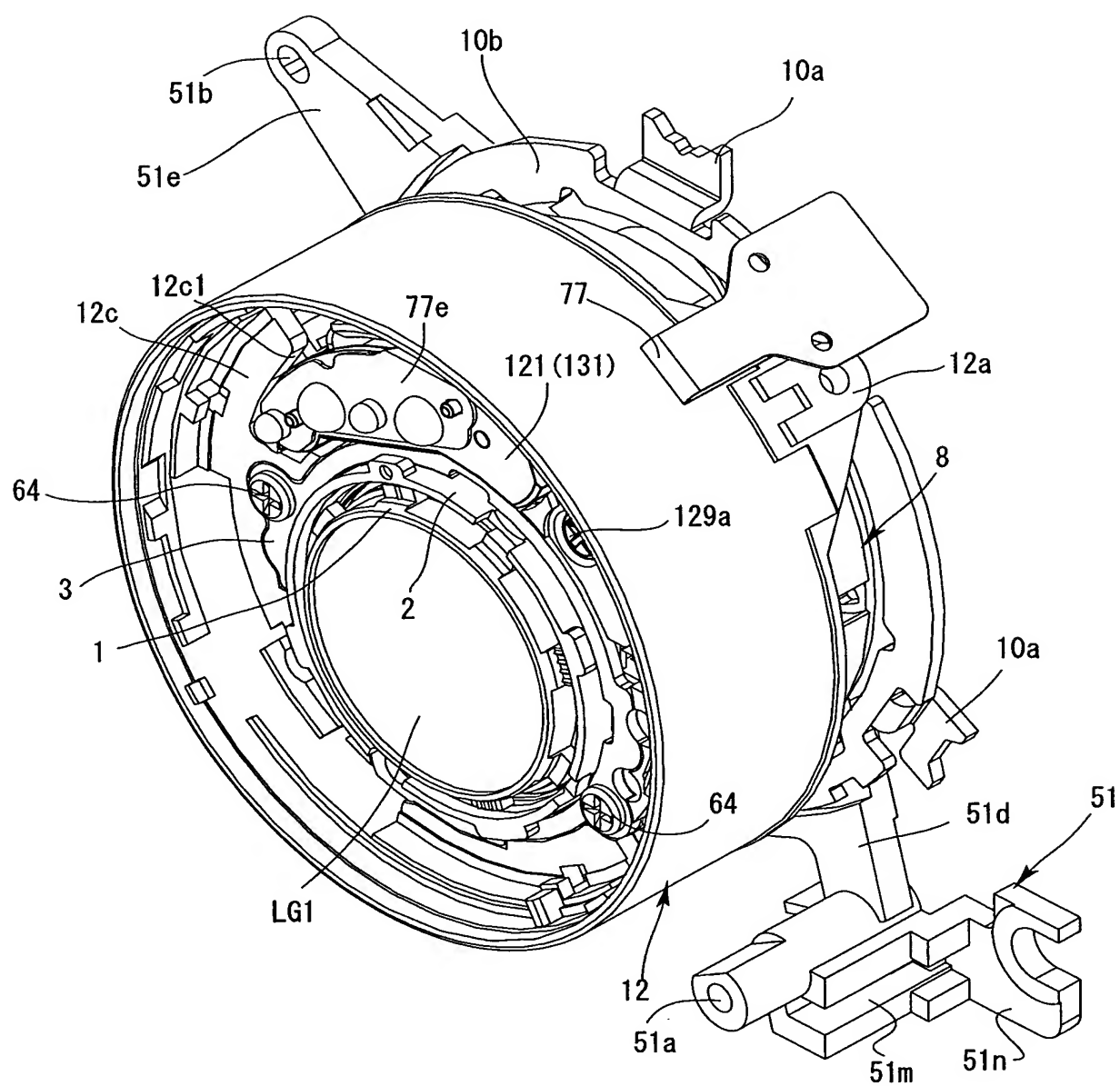


Fig. 139

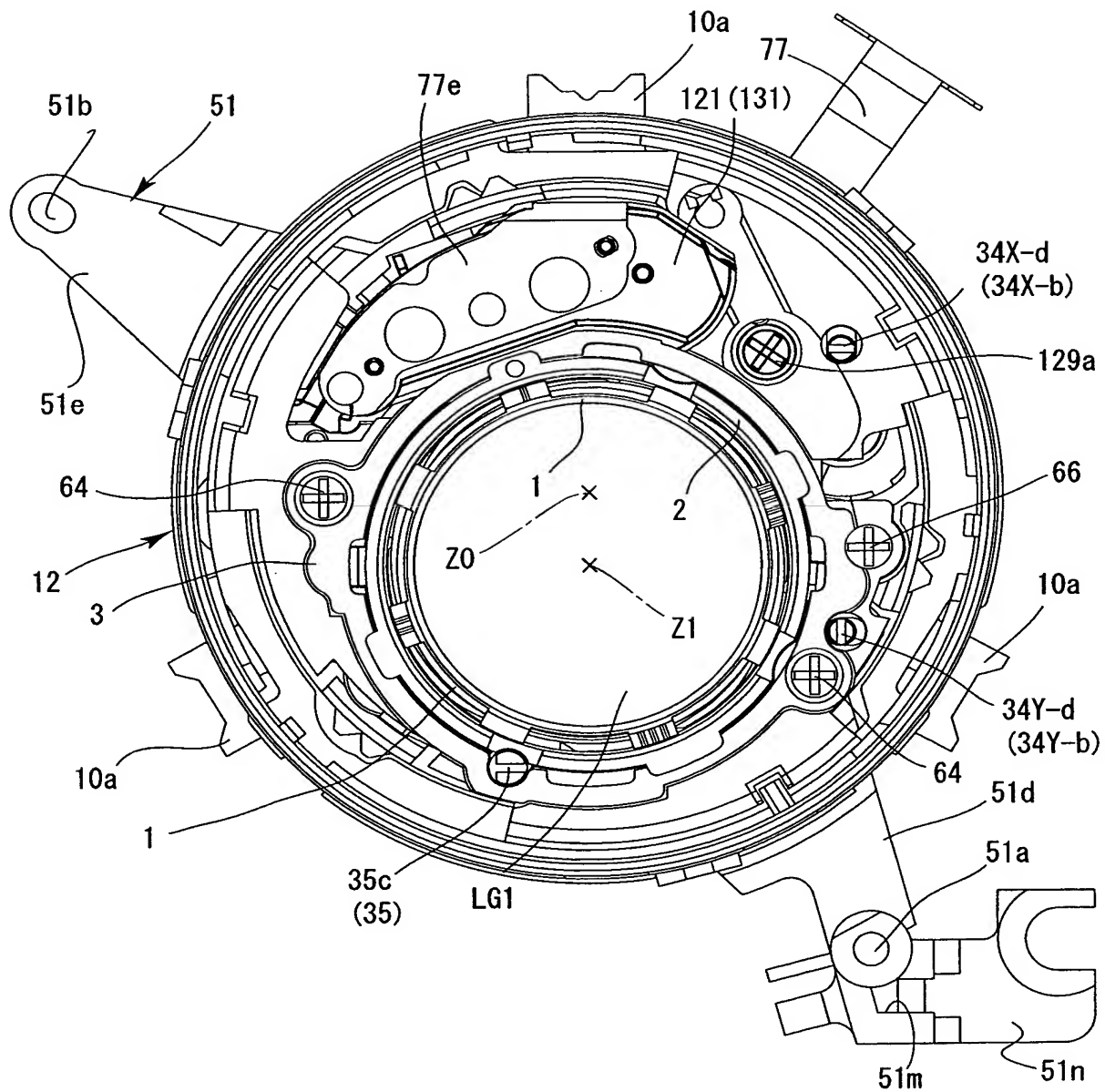
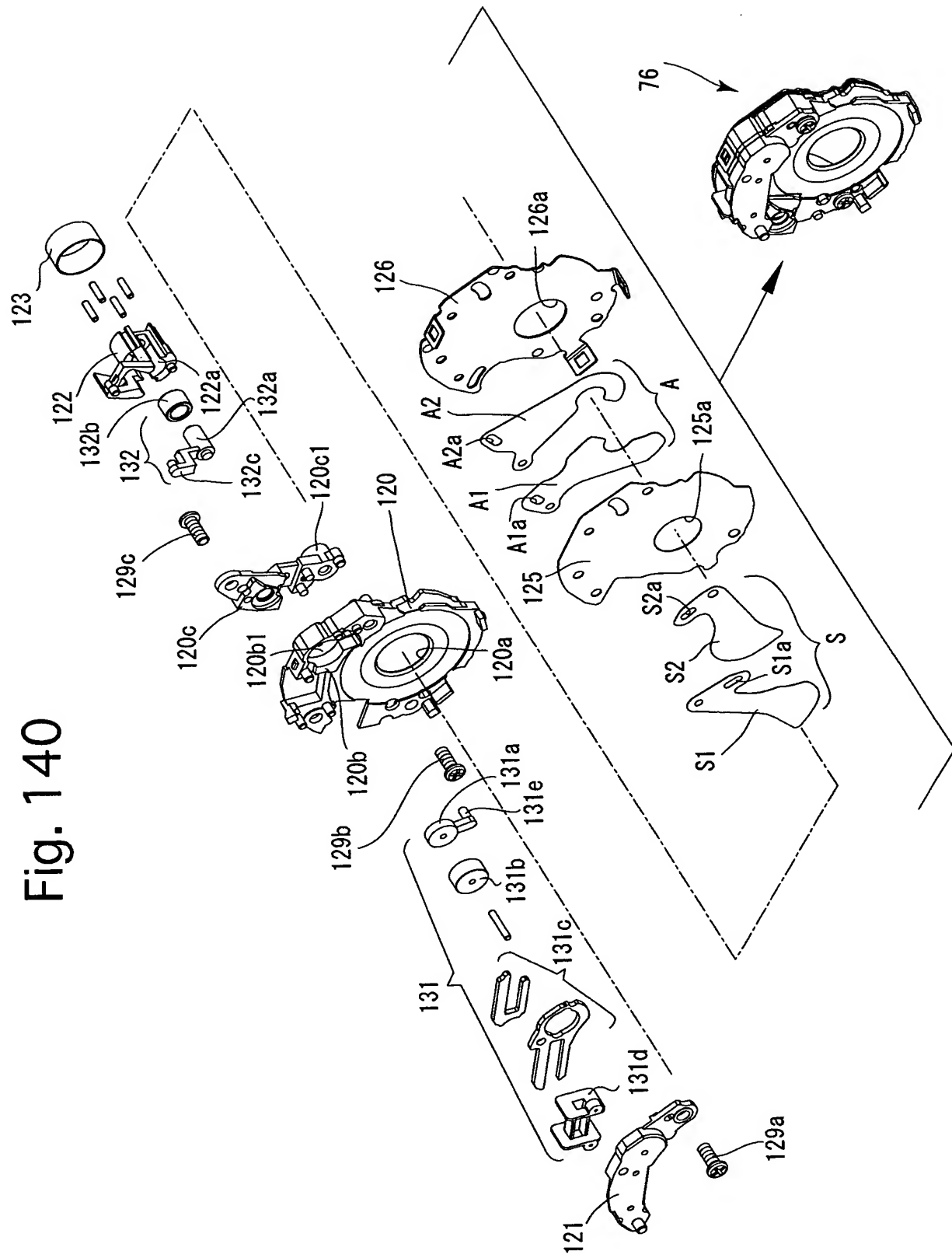


Fig. 140



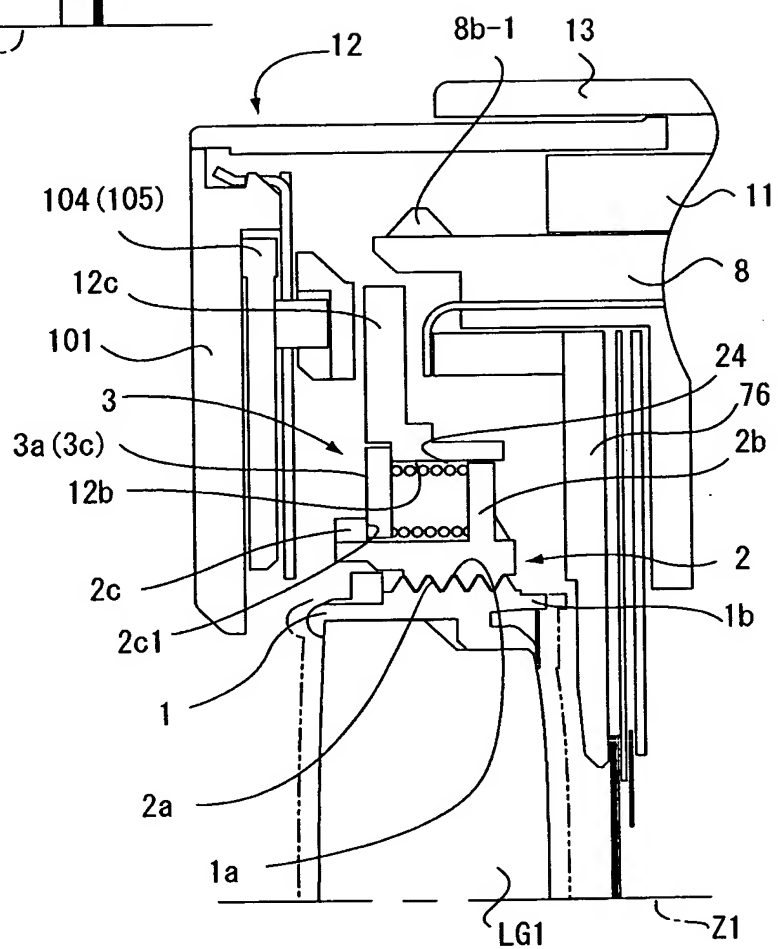
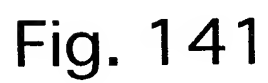
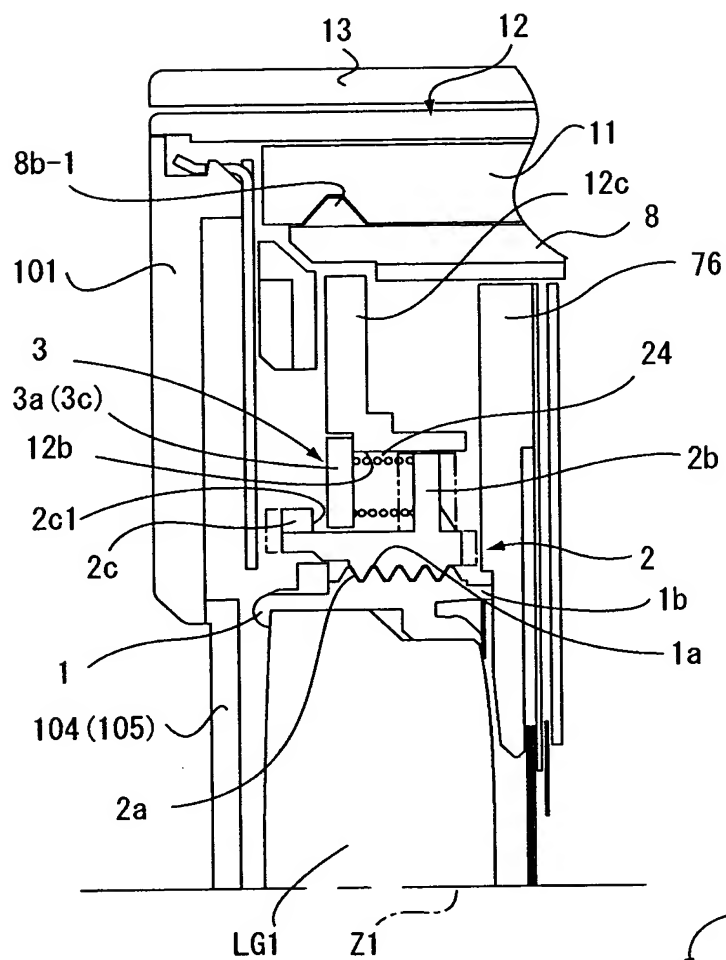


Fig. 143

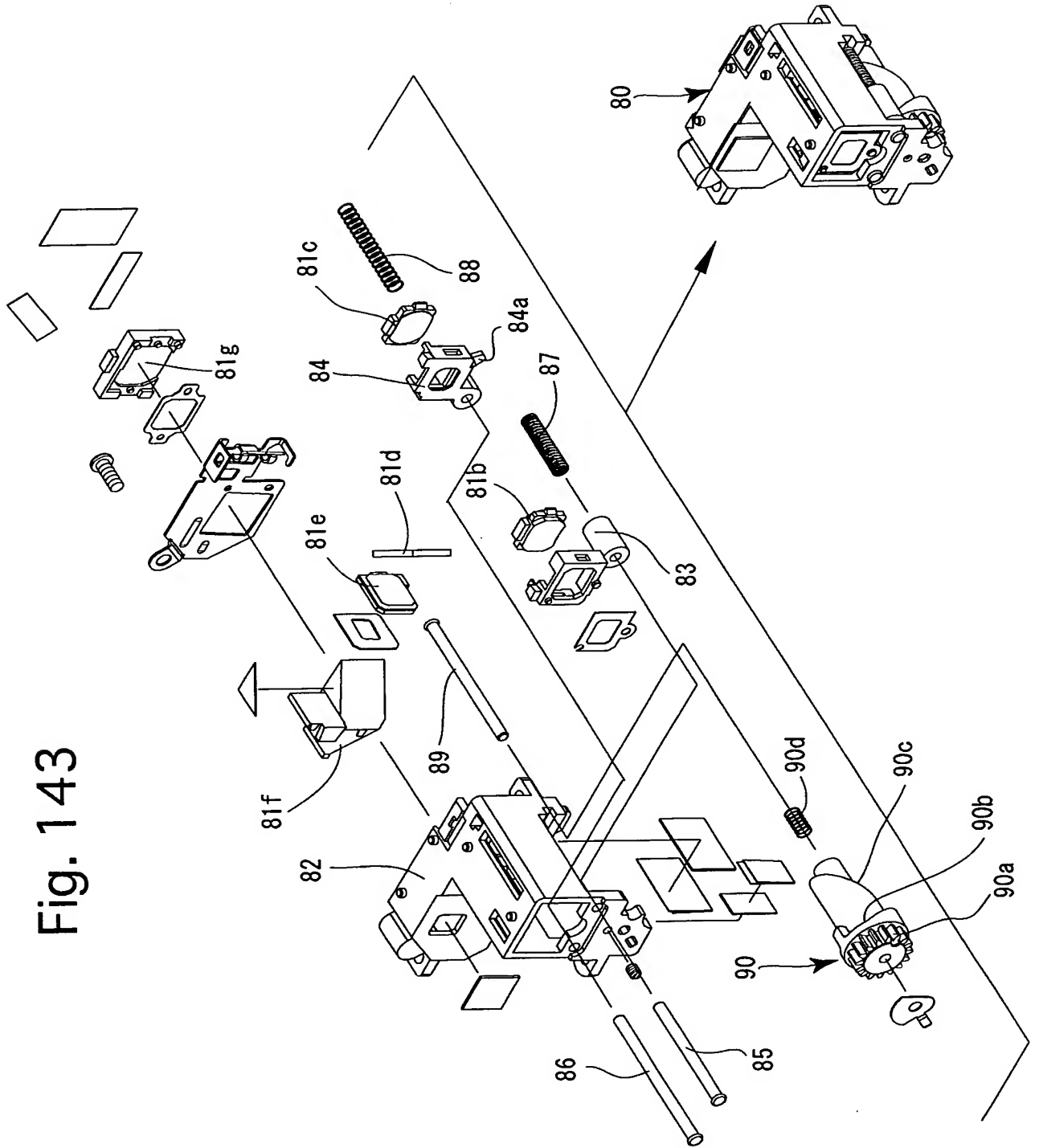




Fig. 144

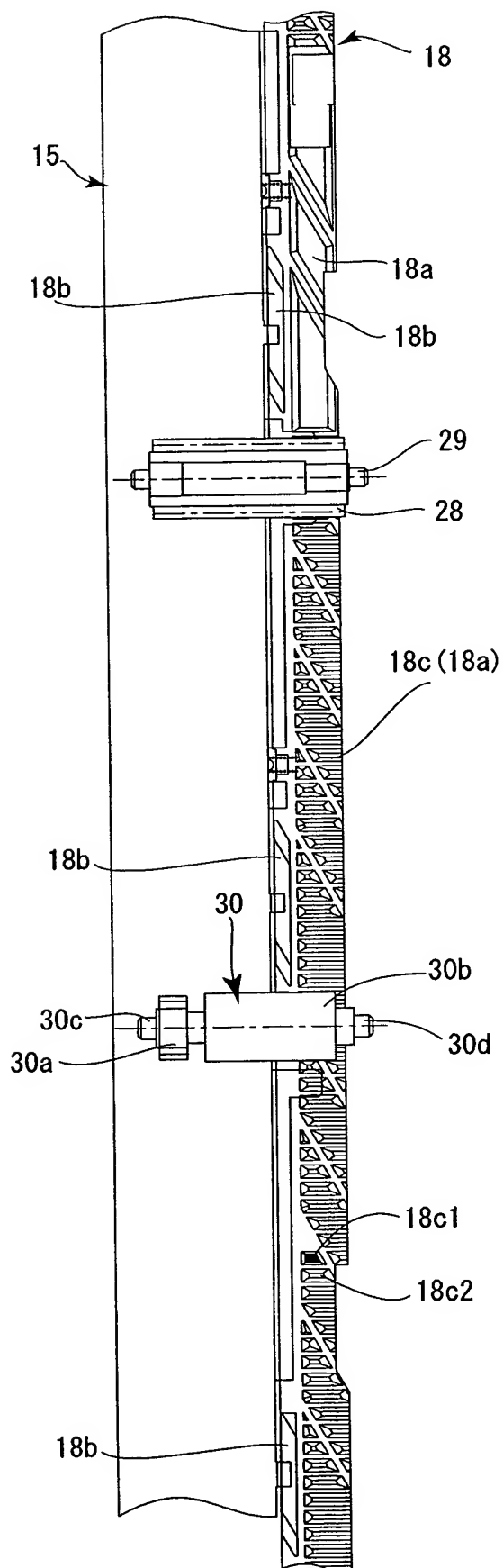


Fig. 145

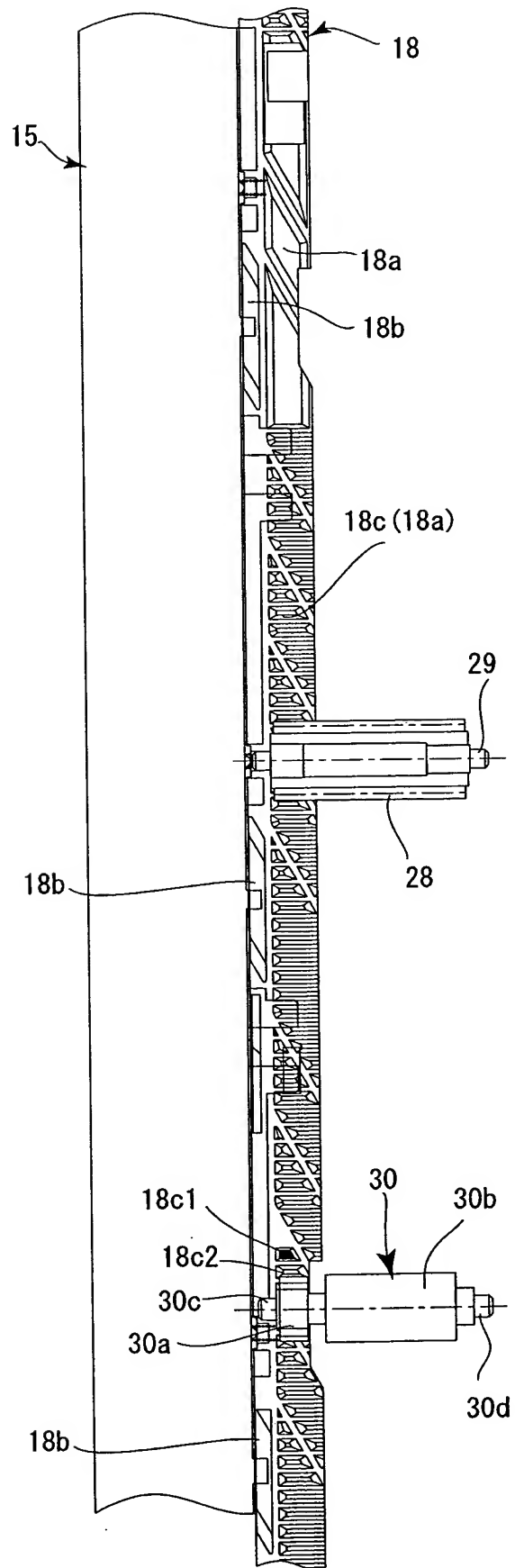


Fig. 146

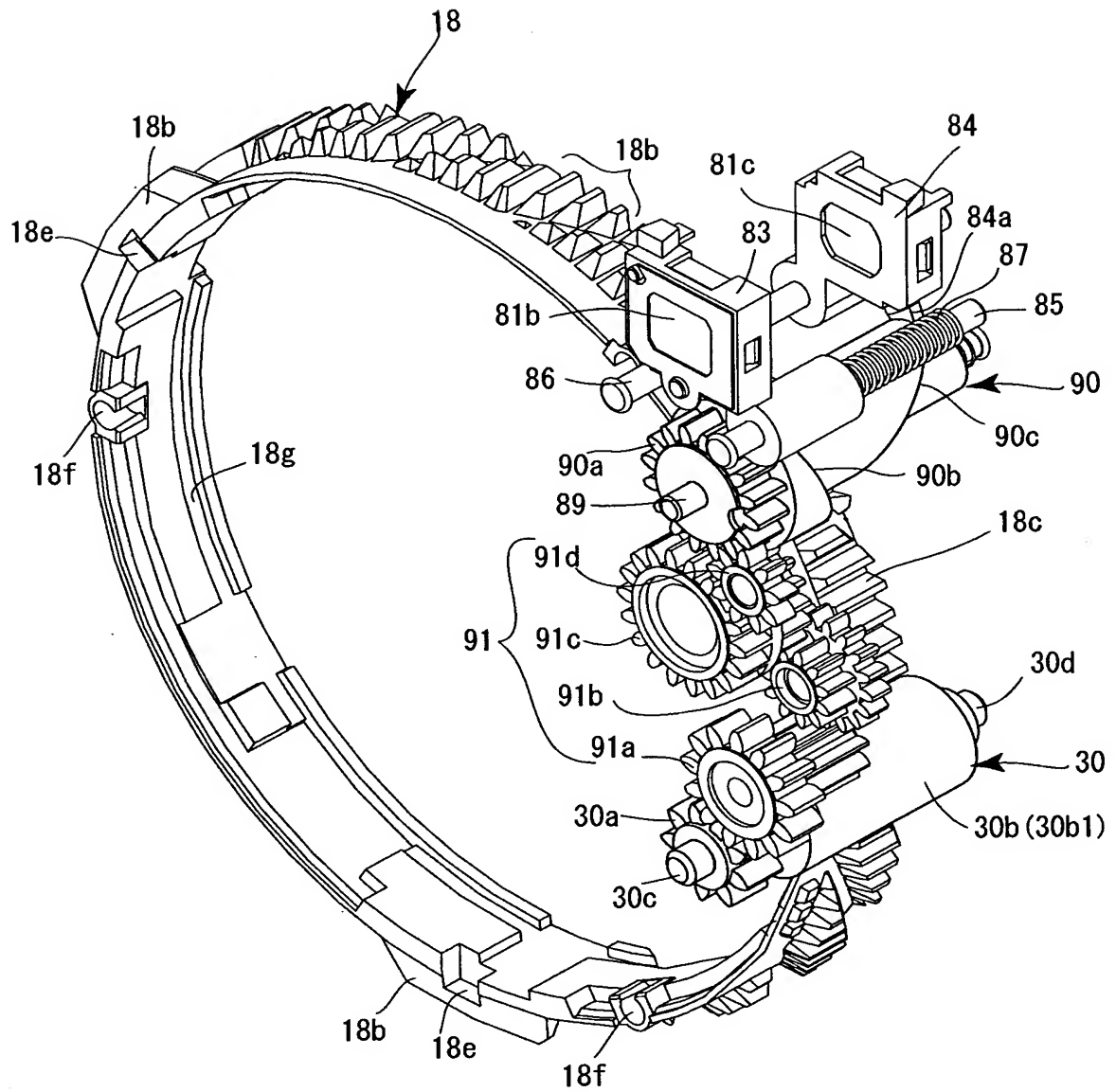


Fig. 147

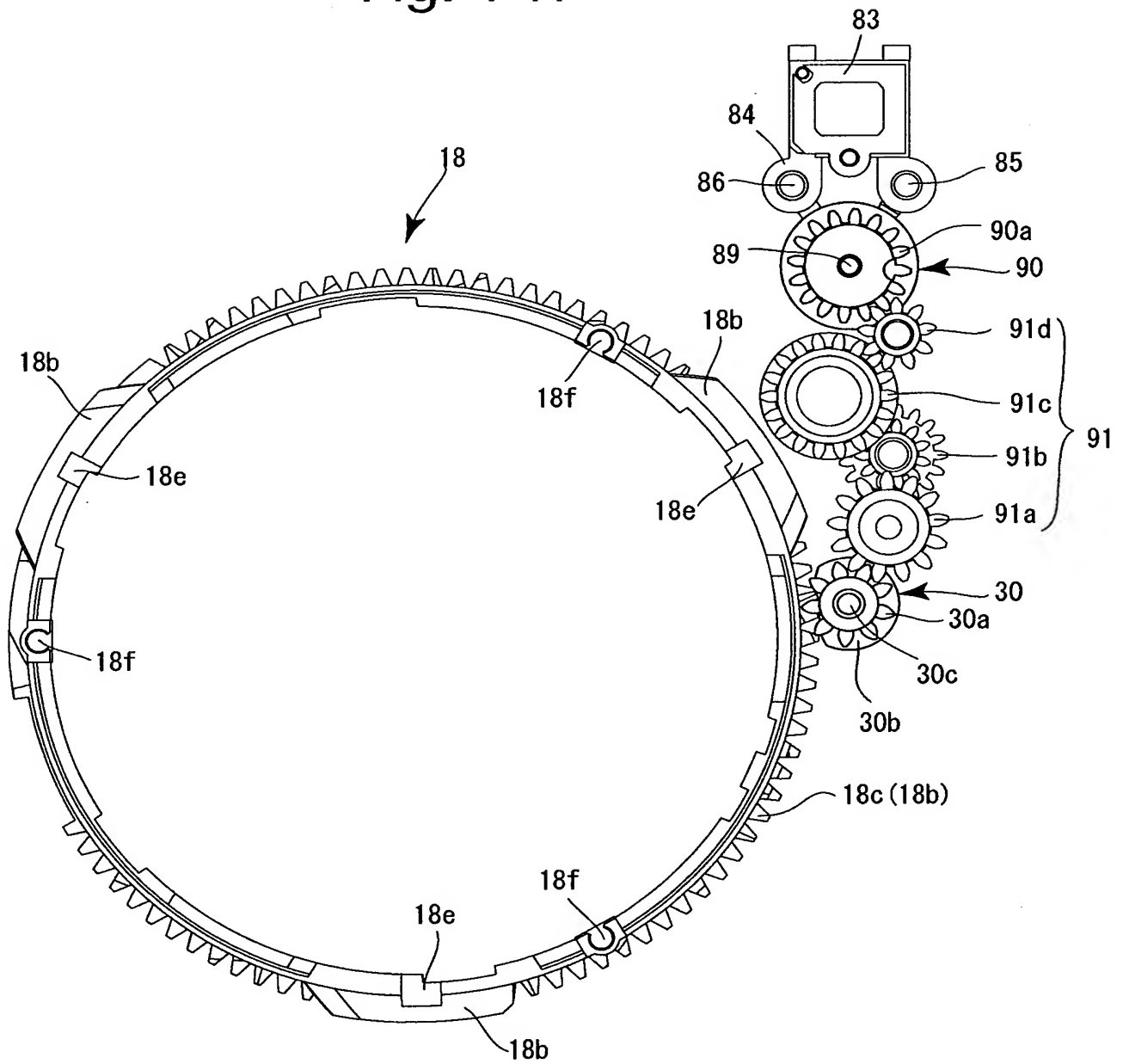


Fig. 148

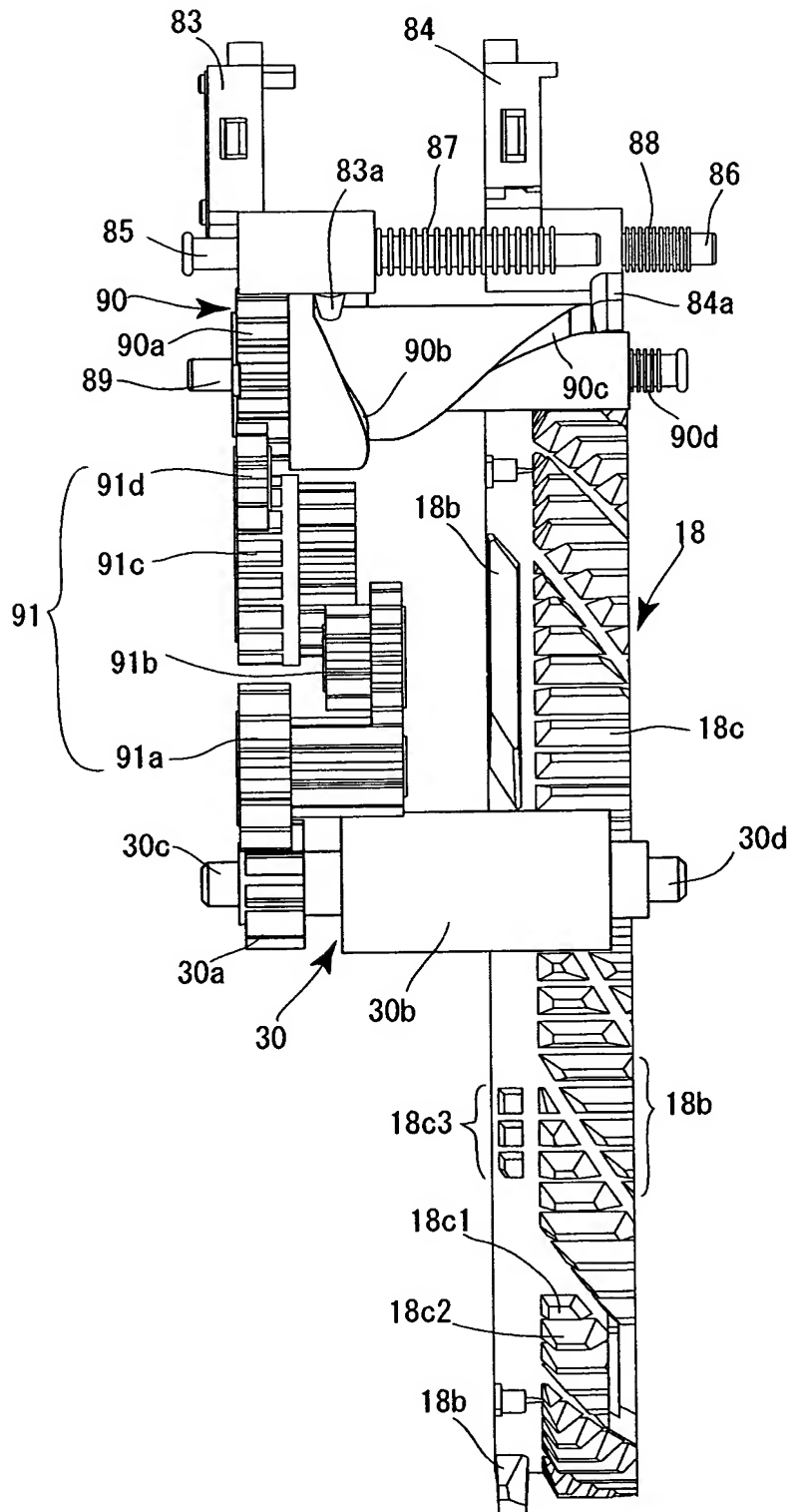


Fig. 149

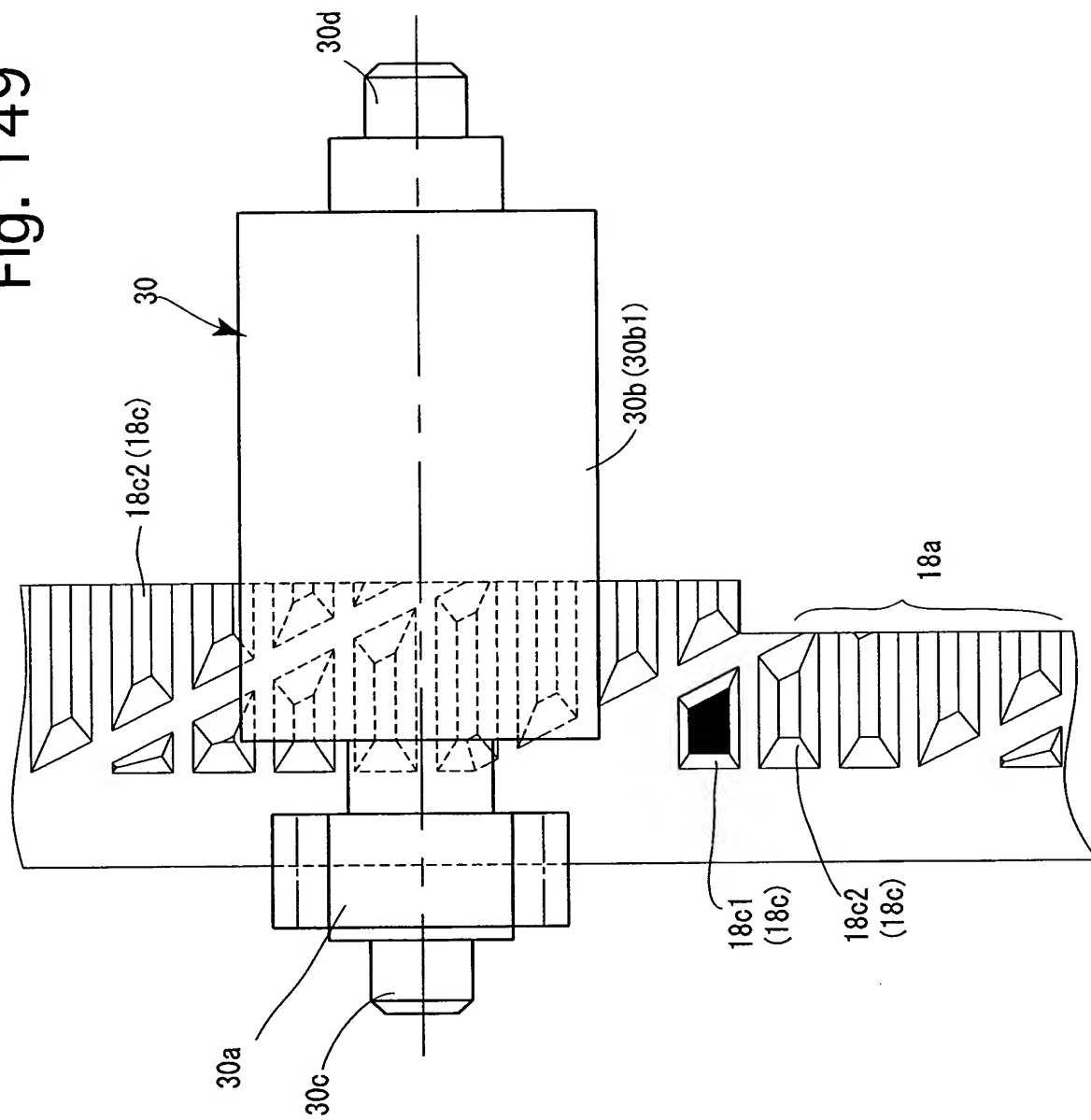
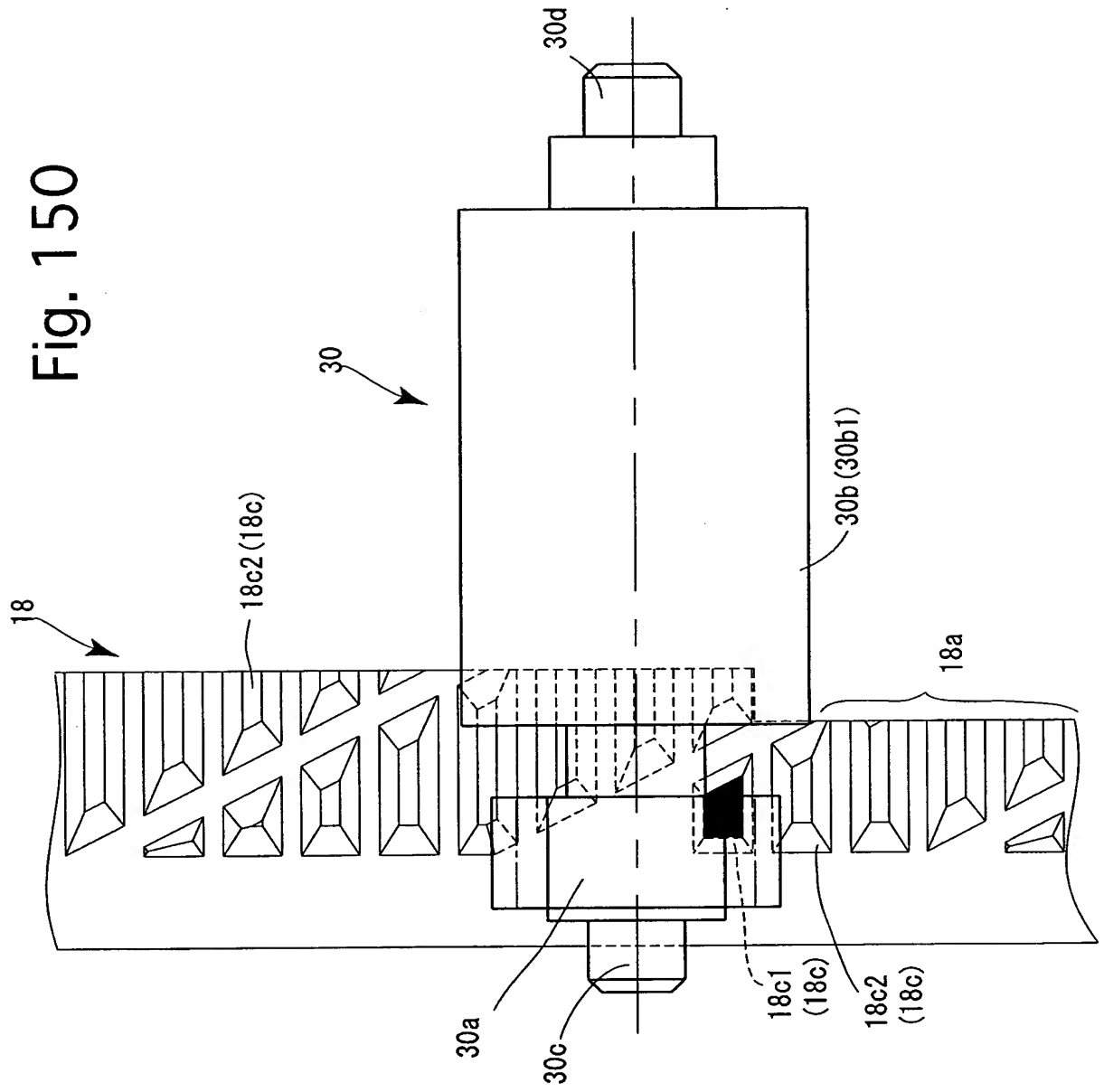


Fig. 150



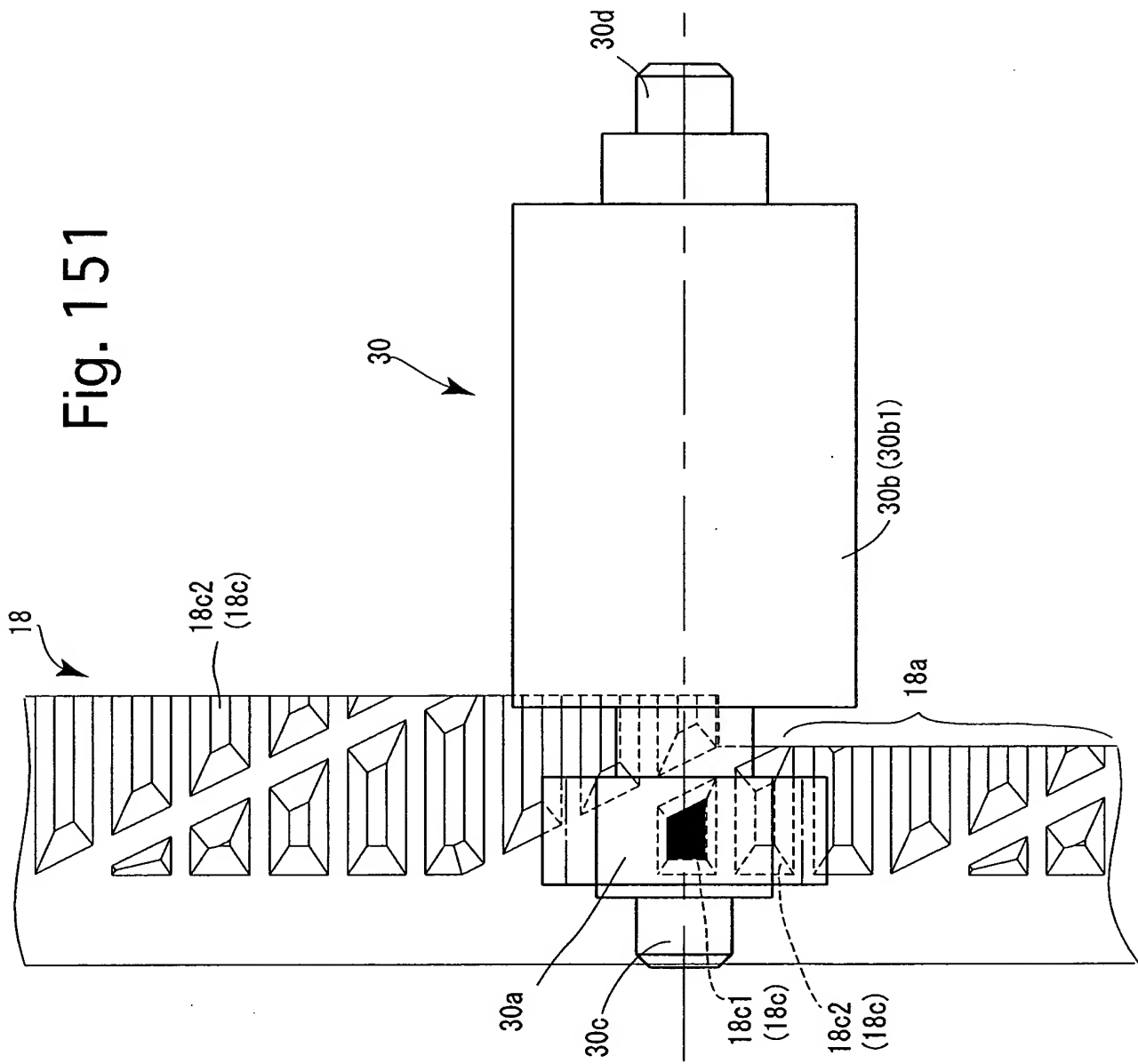


Fig. 152

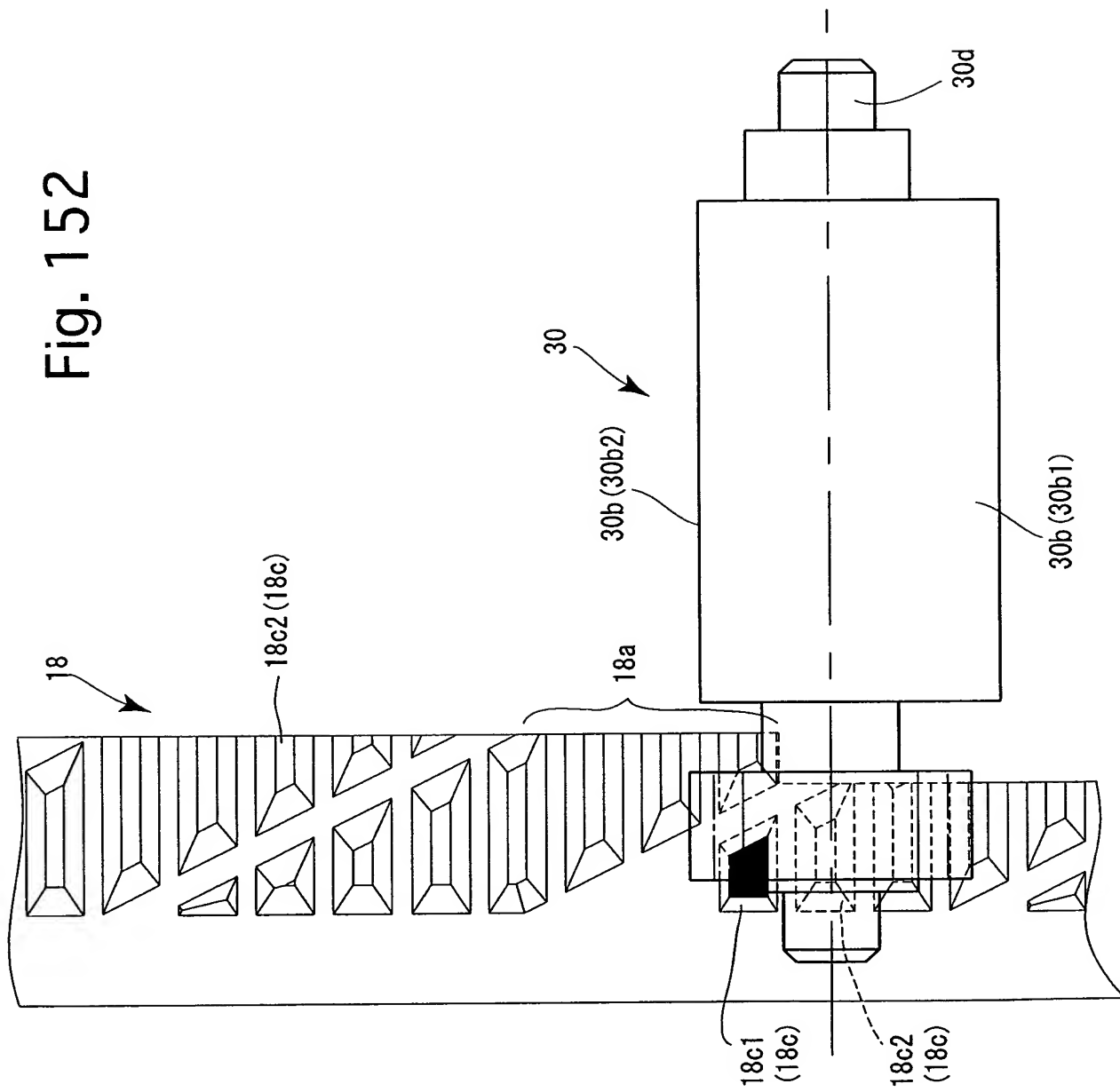




Fig. 153

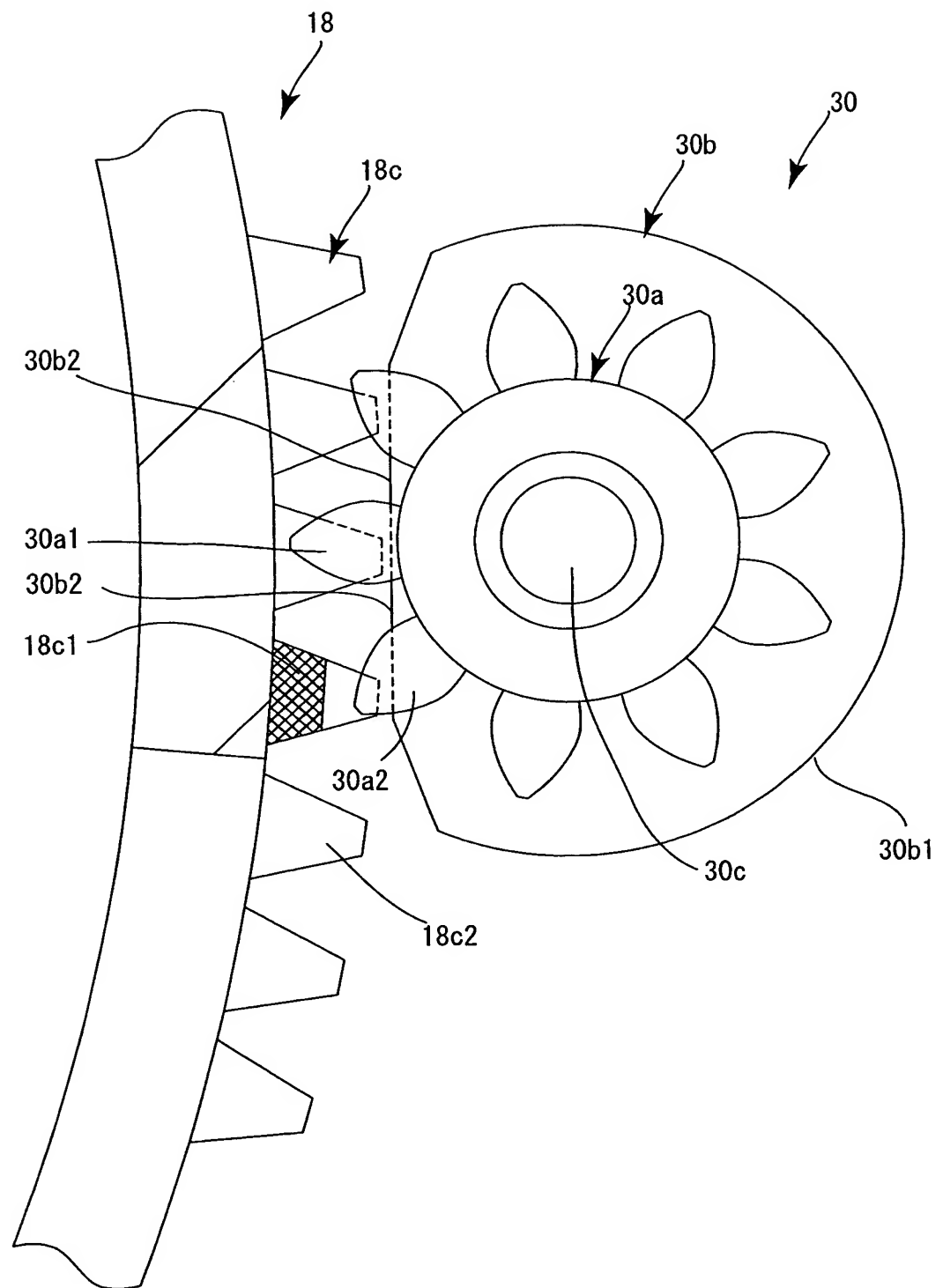


Fig. 154

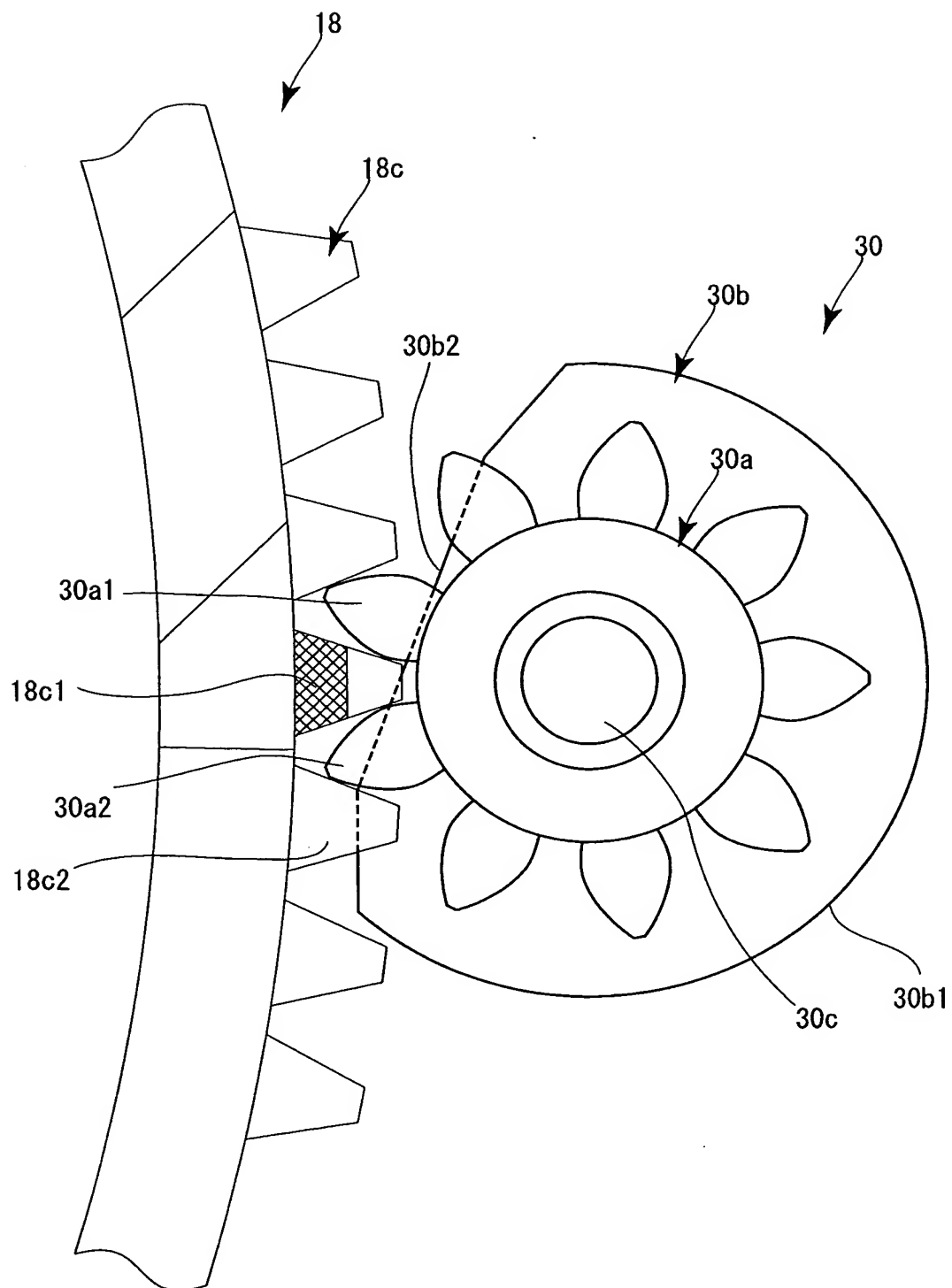


Fig. 155

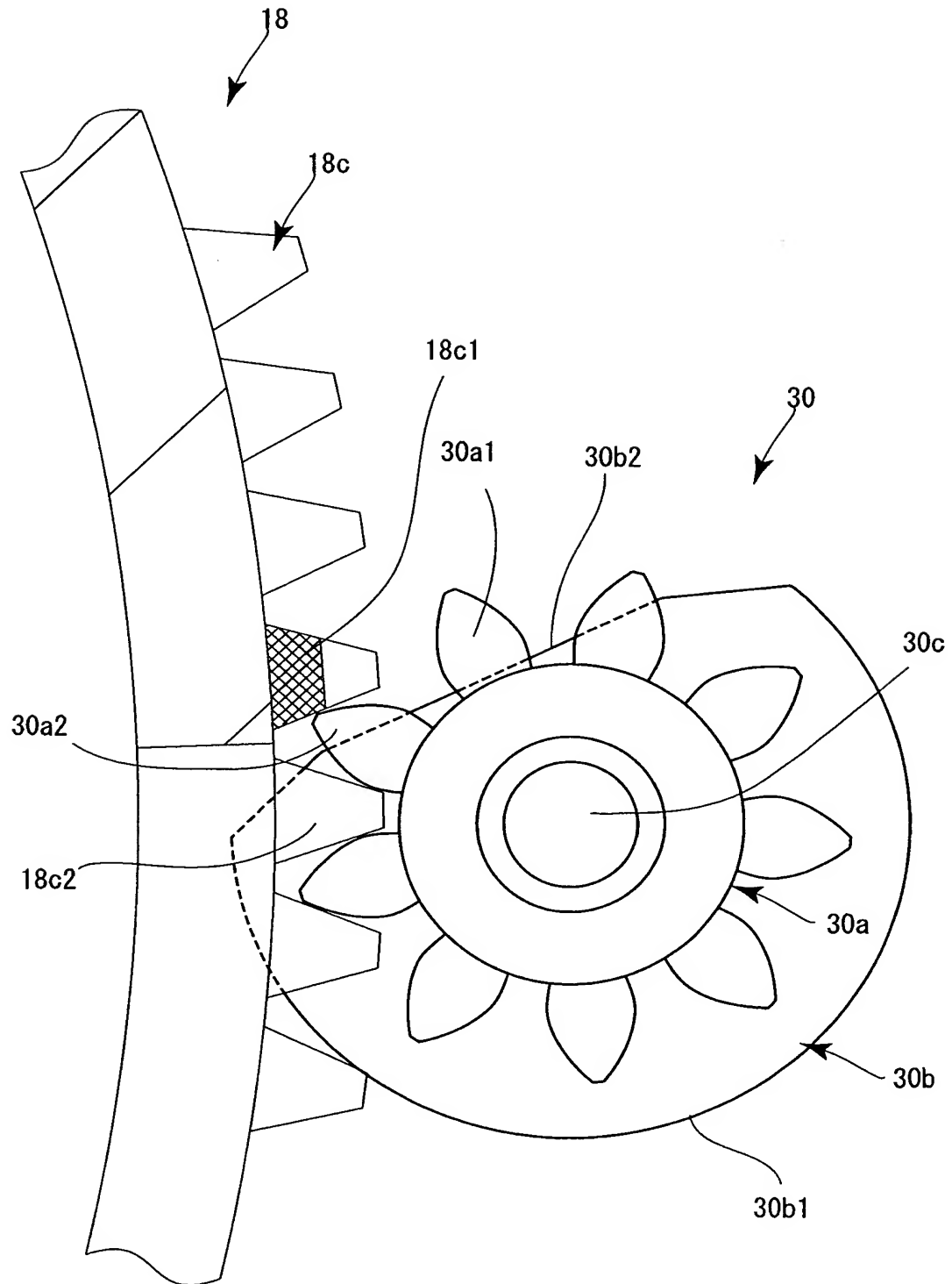


Fig. 156

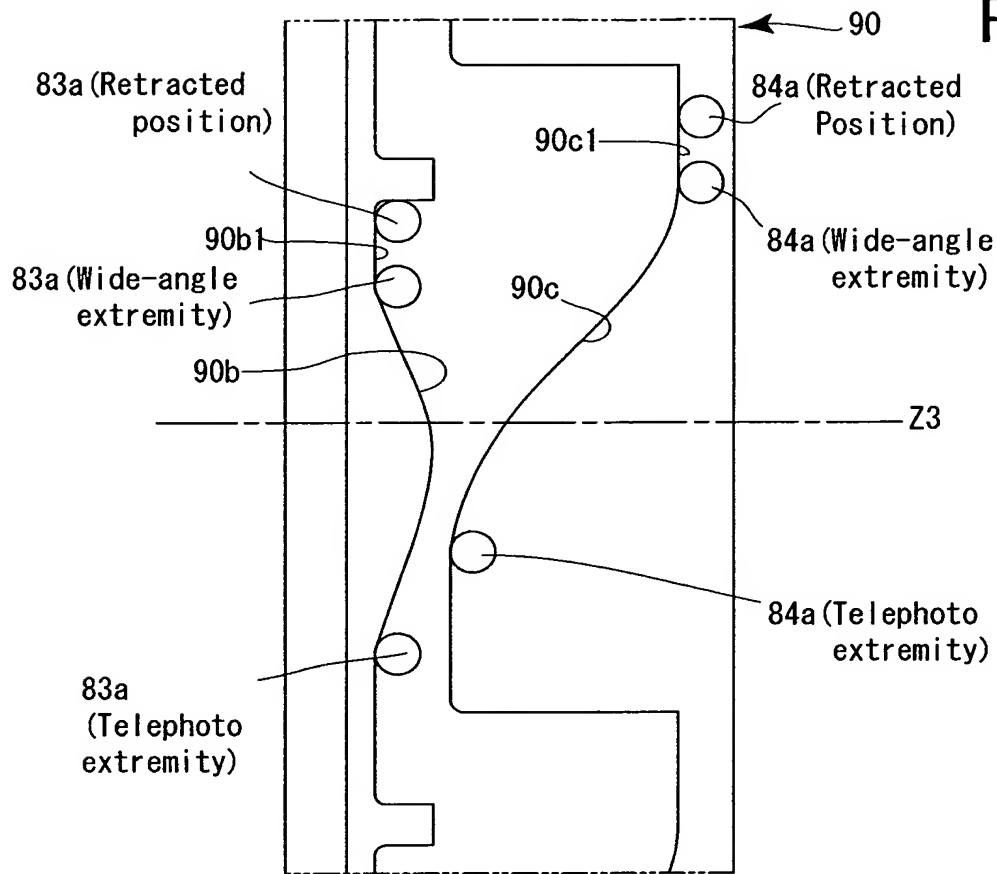


Fig. 157

